

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059850.D
 Acq On : 3 Aug 2018 20:30
 Operator : VA/AP
 Sample : J4285-13
 Misc : 2.79g/5mL/MSVOA F/SOIL
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-4

Quant Time: Aug 04 03:18:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	64888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	39995	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	12766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	2291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	24561	21.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.12%	
35) Dibromofluoromethane	4.29	113	26074	62.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.54%	
50) Toluene-d8	7.70	98	29818	30.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.56%	
62) 4-Bromofluorobenzene	11.51	95	3364	6.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.54%	

Target Compounds			Qvalue				
2) Dichlorodifluoromethane	0.99	85	92	Below Cal	#	44	
3) Chloromethane	1.11	50	817	Below Cal	#	86	
5) Bromomethane	1.24	94	359	Below Cal		81	
6) Chloroethane	1.44	64	72	Below Cal	#	1	
10) Methyl Iodide	1.86	142	109	Below Cal	#	20	
13) Acrolein	1.99	56	663	41.25	ug/l	85	
15) Acrylonitrile	3.09	53	577	7.72	ug/l	#	7
16) Acetone	2.32	43	4552	21.70	ug/l	#	87
18) Methyl Acetate	2.43	43	1070	Below Cal	#	64	
20) Methylene Chloride	2.27	84	2543	Below Cal	#	61	
21) trans-1,2-Dichloroethene	2.40	96	106	Below Cal	#	12	
28) Bromochloromethane	4.02	49	142	Below Cal	#	15	
31) Cyclohexane	3.88	56	186	Below Cal	#	15	
36) 1,1-Dichloropropene	4.45	75	180	Below Cal	#	46	
37) Ethyl Acetate	4.30	43	291	Below Cal	#	19	
39) Methylcyclohexane	5.61	83	90	Below Cal	#	69	
41) Methacrylonitrile	4.91	41	237	Below Cal	#	24	
52) Toluene	7.78	92	502	Below Cal	#	49	
58) 2-Chloroethyl Vinyl ether	7.76	63	69	2.62	ug/l	100	
64) Tetrachloroethene	8.30	164	275	Below Cal	#	26	
68) m/p-Xylenes	10.26	106	72	Below Cal	#	1	
74) N-amyl acetate	11.43	43	335	8.83	ug/l	#	41
75) 1,1,2,2-Tetrachloroethane	11.74	83	60	2.12	ug/l	#	1
78) n-propylbenzene	11.68	91	248	Below Cal	#	54	
79) 2-Chlorotoluene	11.78	91	65	Below Cal	#	44	
80) 1,3,5-Trimethylbenzene	11.92	105	83	Below Cal	#	31	
81) trans-1,4-Dichloro-2-buten	12.08	75	64	6.42	ug/l	#	32
82) 4-Chlorotoluene	11.99	91	139	Below Cal	#	44	
84) 1,2,4-Trimethylbenzene	12.28	105	64	Below Cal	#	33	
85) sec-Butylbenzene	12.39	105	80	Below Cal	#	57	
86) p-Isopropyltoluene	12.54	119	131	Below Cal	#	49	
87) 1,3-Dichlorobenzene	12.55	146	77	Below Cal	#	23	
88) 1,4-Dichlorobenzene	12.55	146	77	Below Cal	#	24	
89) n-Butylbenzene	12.92	91	393	Below Cal	#	38	

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

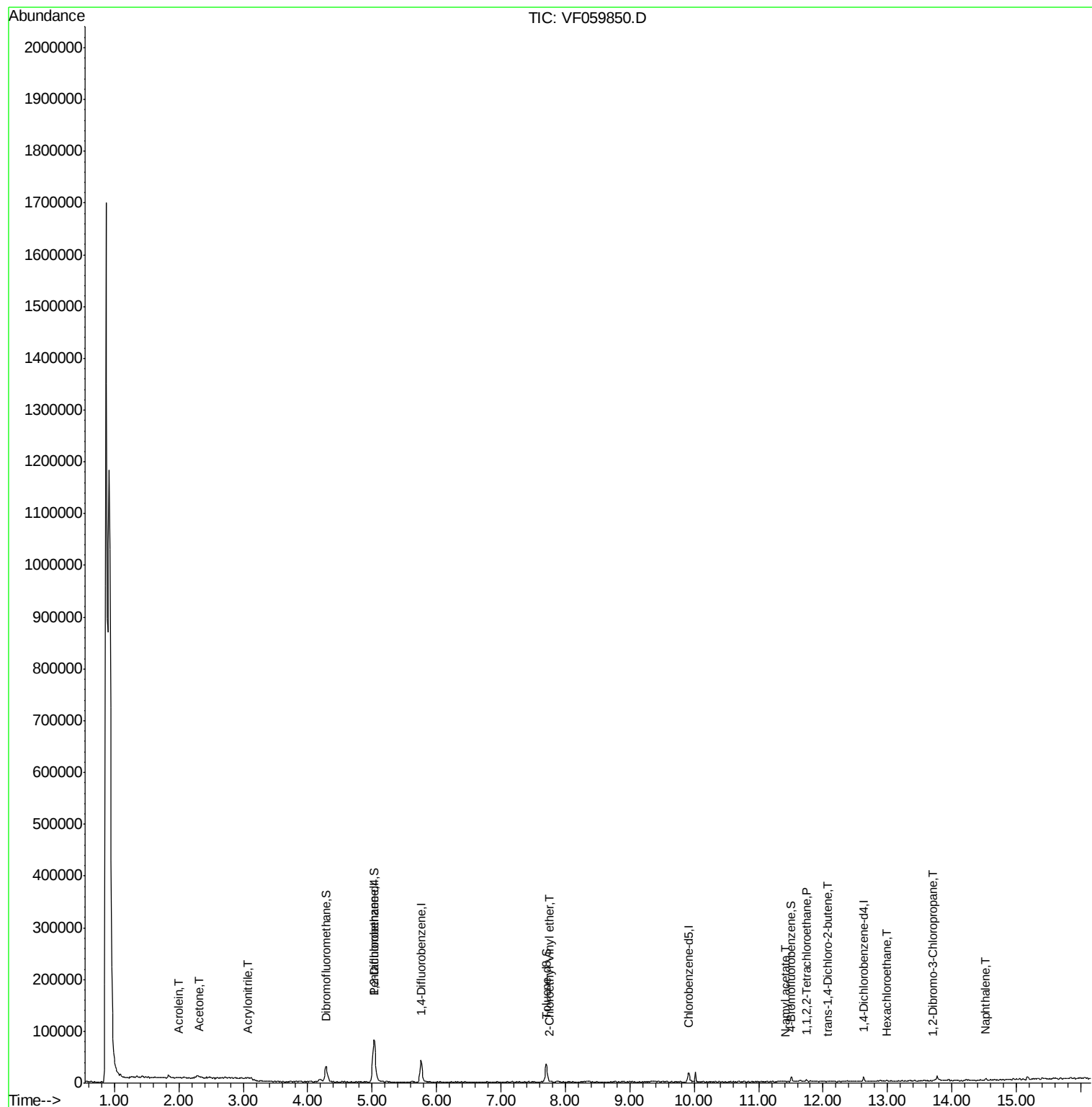
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.99	117	88	2.32	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.70	75	88	12.72	ug/l #	9
95) Naphthalene	14.52	128	1197	12.12	ug/l #	70

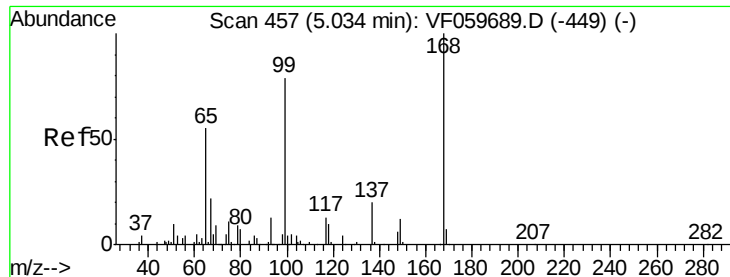
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

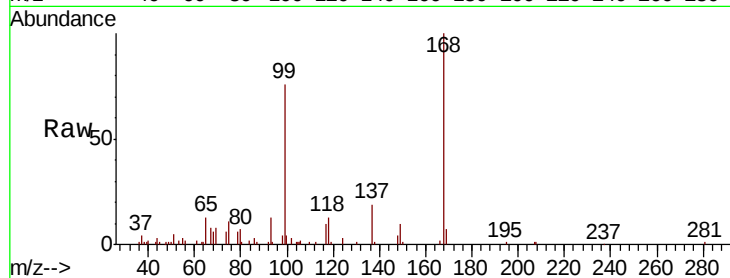
KG-PIT-4

Tot Ion:168 Resp: 64888

Ion Ratio Lower Upper

168 100

99 75.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

25000

20000

15000

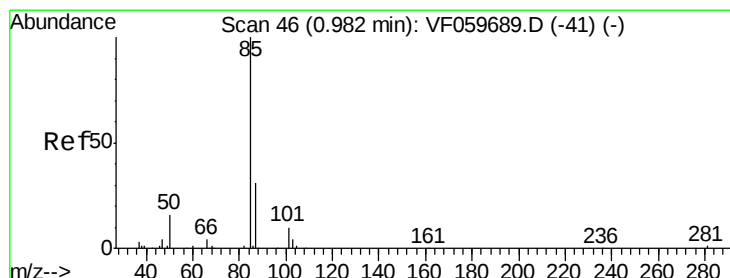
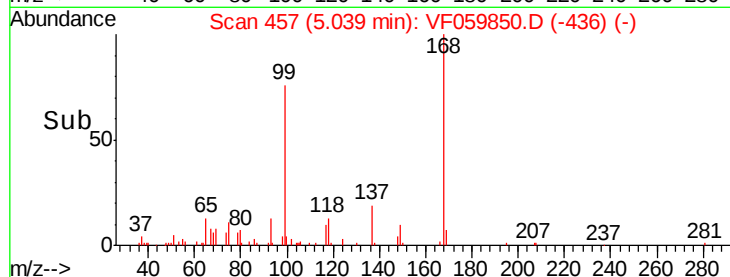
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059850.D

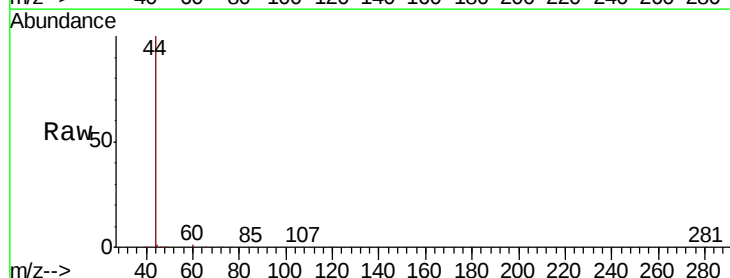
Acq: 3 Aug 2018 20:30

Tgt Ion: 85 Resp: 92

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

150

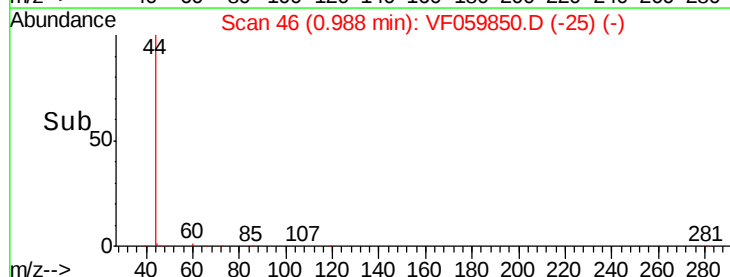
100

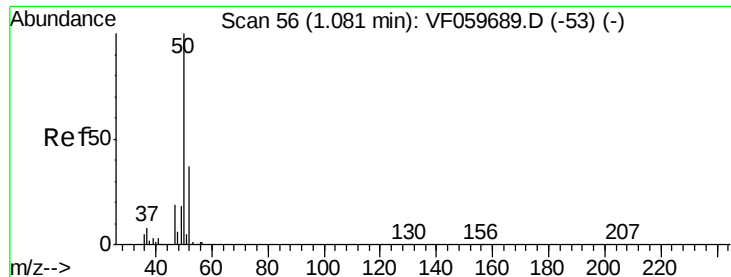
50

0

Time-->

0.96 0.98 1.00 1.02





#3

Chloromethane

Concen: Below Cal

RT: 1.11 min Scan# 58

Delta R.T. 0.03 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

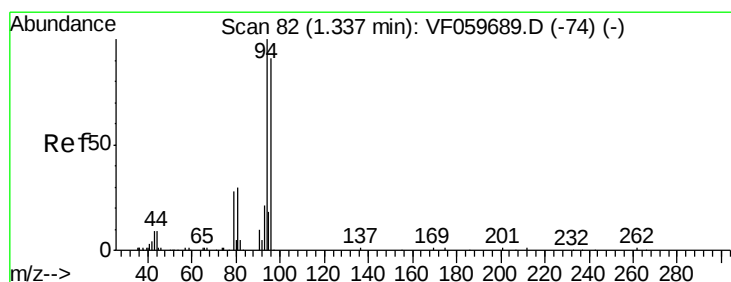
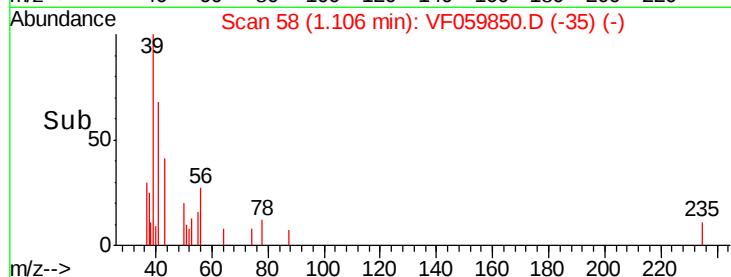
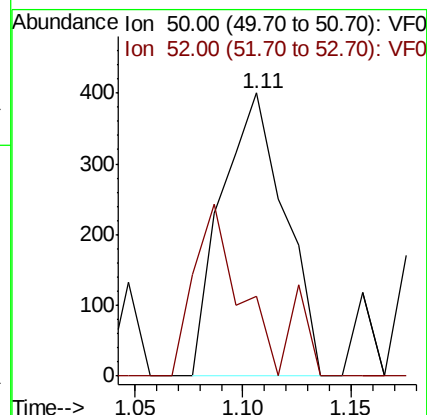
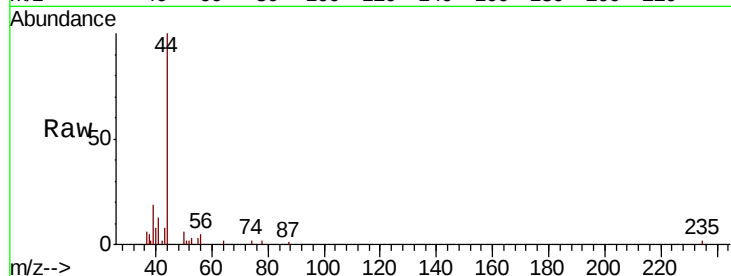
KG-PIT-4

Tot Ion: 50 Resp: 817

Ion Ratio Lower Upper

50 100

52 28.0 29.1 43.7#



#5

Bromomethane

Concen: Below Cal

RT: 1.24 min Scan# 72

Delta R.T. -0.09 min

Lab File: VF059850.D

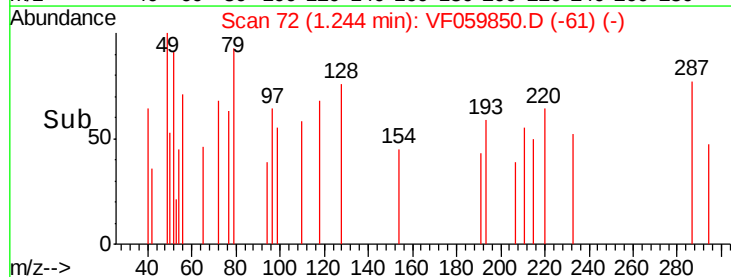
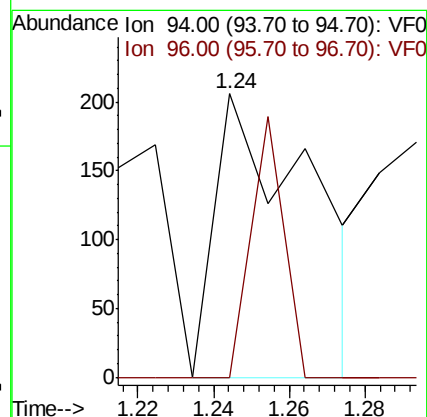
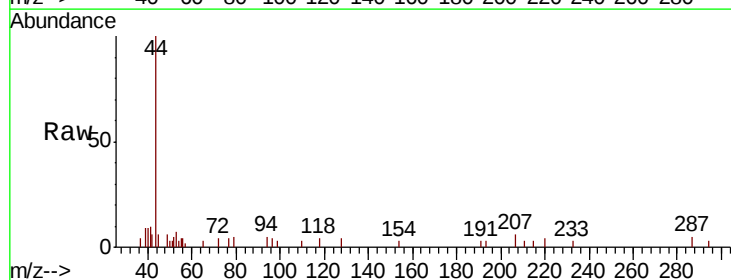
Acq: 3 Aug 2018 20:30

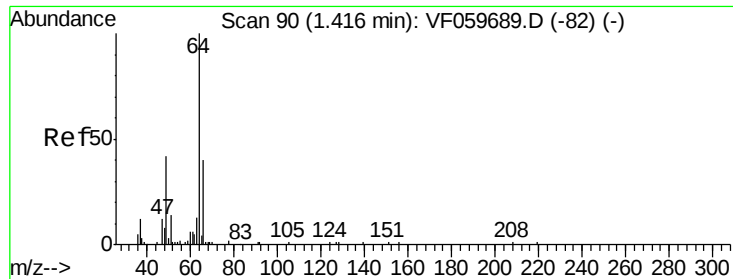
Tgt Ion: 94 Resp: 359

Ion Ratio Lower Upper

94 100

96 73.8 73.6 110.4





#6

Chloroethane

Concen: Below Cal

RT: 1.44 min Scan# 92

Delta R.T. 0.03 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

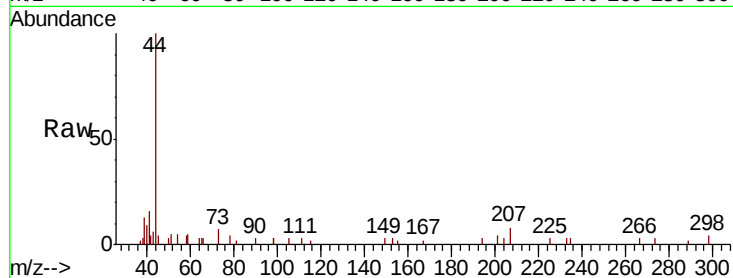
KG-PIT-4

Tot Ion: 64 Resp: 72

Ion Ratio Lower Upper

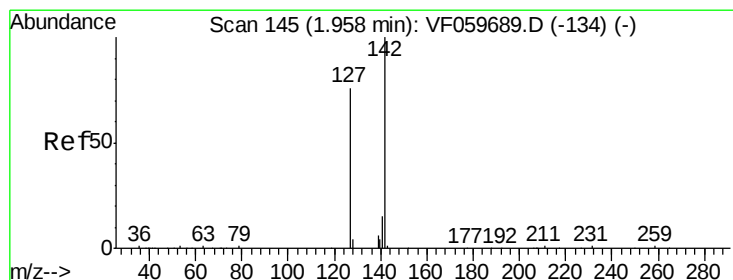
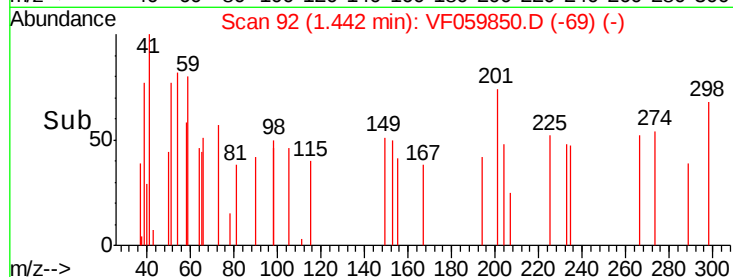
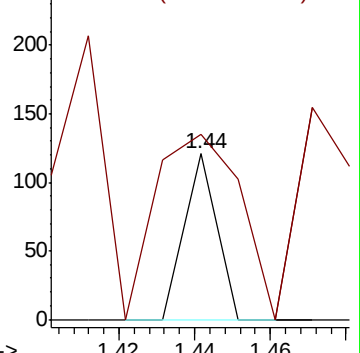
64 100

66 111.6 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#10

Methyl Iodide

Concen: Below Cal

RT: 1.86 min Scan# 134

Delta R.T. -0.10 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

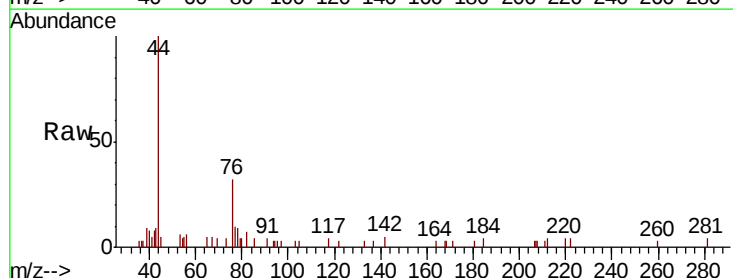
Tgt Ion: 142 Resp: 109

Ion Ratio Lower Upper

142 100

127 0.0 60.6 91.0#

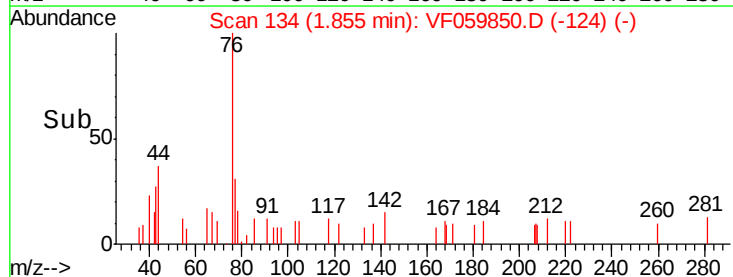
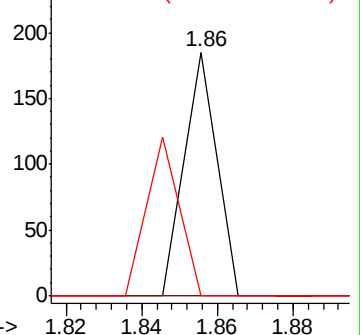
141 0.0 12.0 18.0#

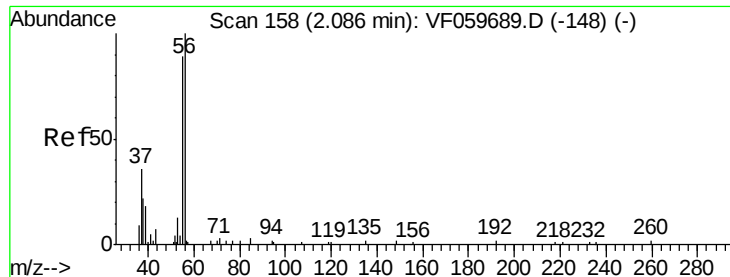


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 41.25 ug/l

RT: 1.99 min Scan# 148

Delta R.T. -0.09 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampled :

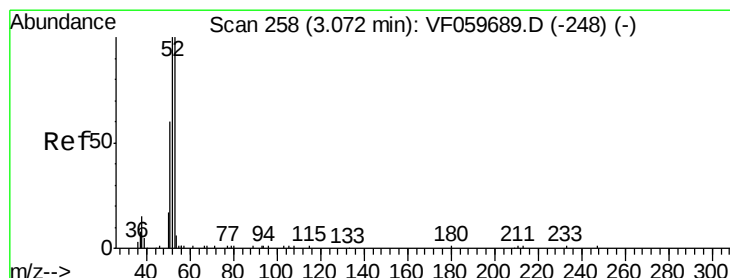
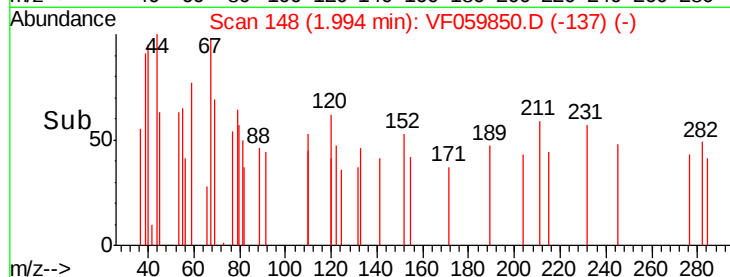
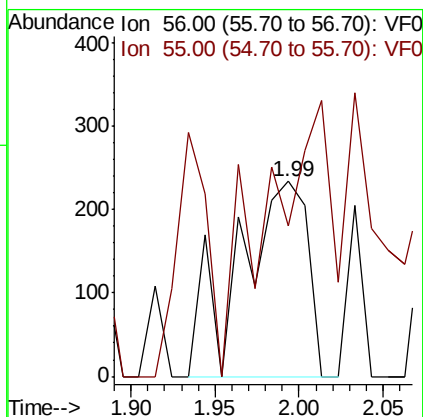
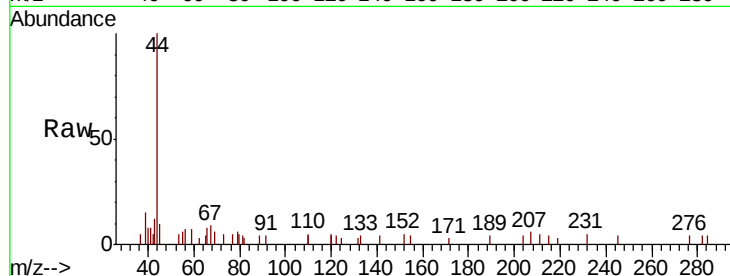
KG-PIT-4

Tot Ion: 56 Resp: 663

Ion Ratio Lower Upper

56 100

55 76.9 73.2 109.8



#15

Acrylonitrile

Concen: 7.72 ug/l

RT: 3.09 min Scan# 259

Delta R.T. 0.02 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

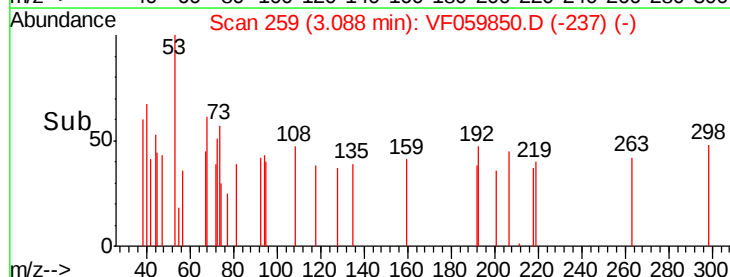
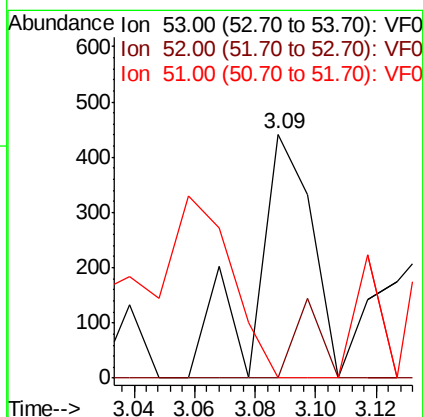
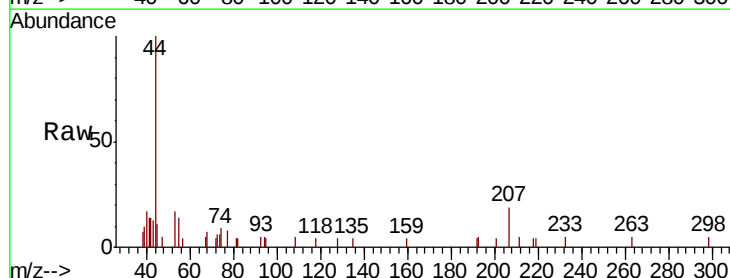
Tgt Ion: 53 Resp: 577

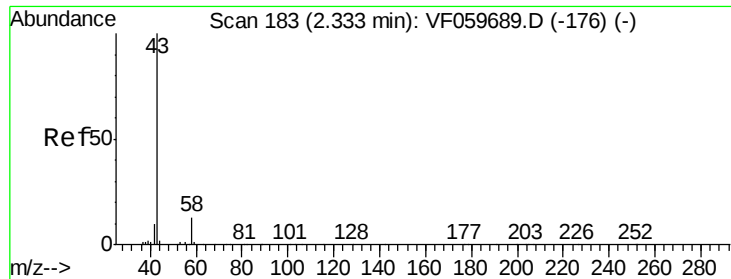
Ion Ratio Lower Upper

53 100

52 0.0 80.3 120.5#

51 0.0 49.4 74.0#

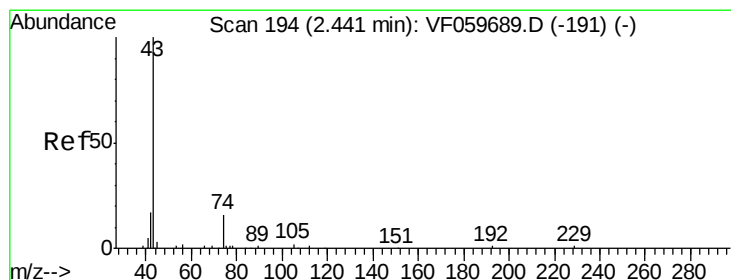
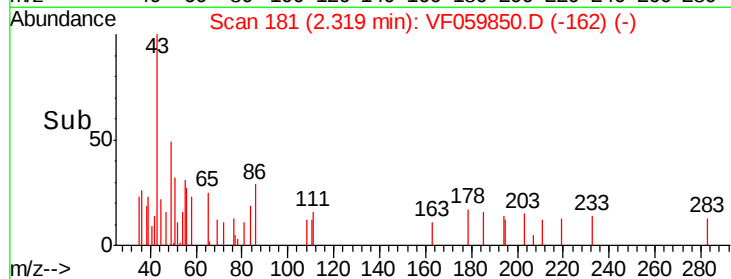
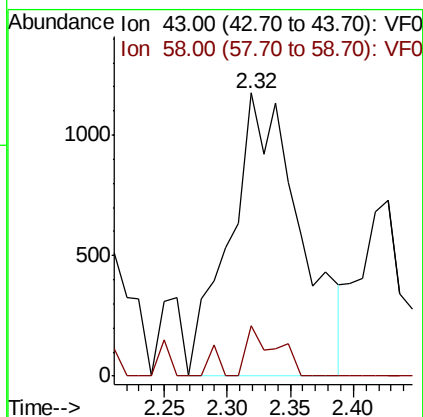
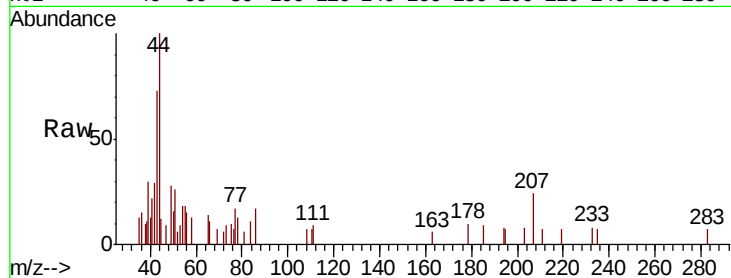




#16
Acetone
Concen: 21.70 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

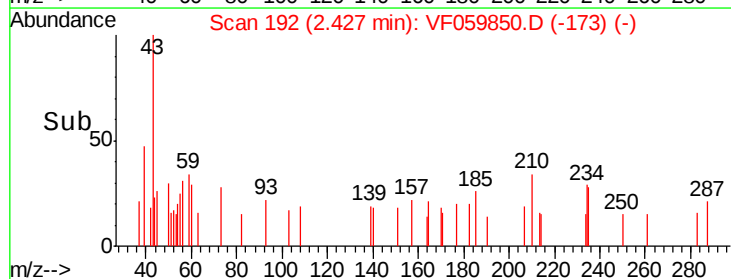
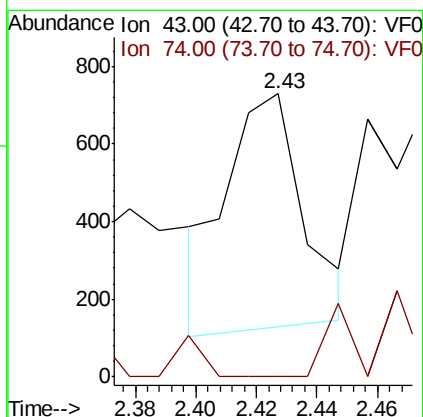
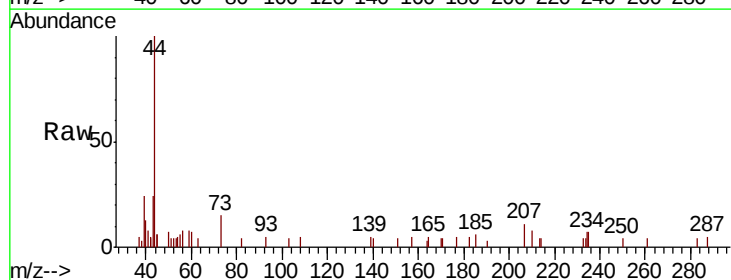
Instrument :
MSVOA_F
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KG-PIT-4

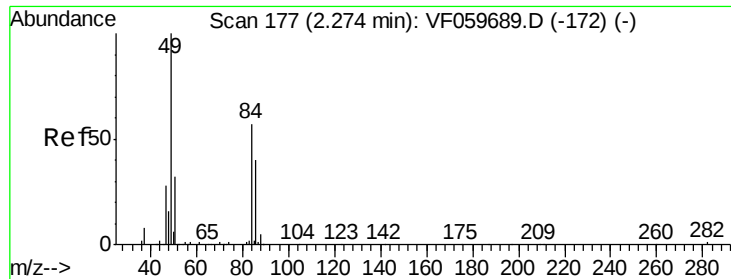
Tot Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
58 17.6 10.1 15.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.43 min Scan# 192
Delta R.T. -0.01 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.6#

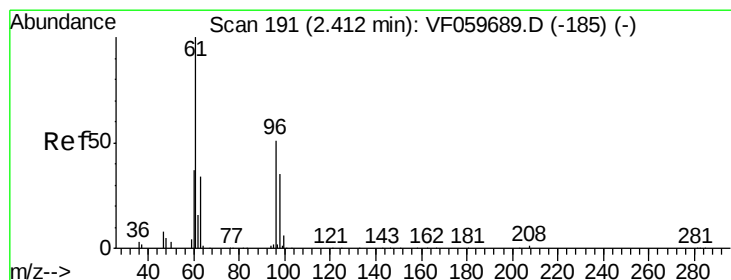
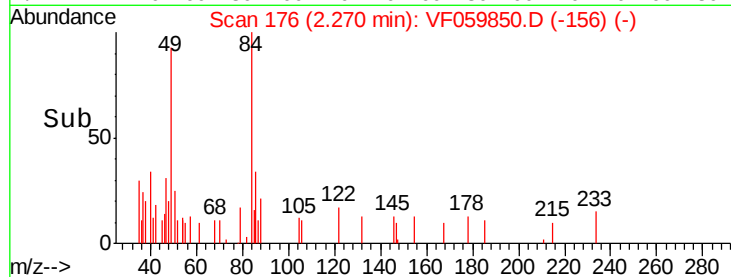
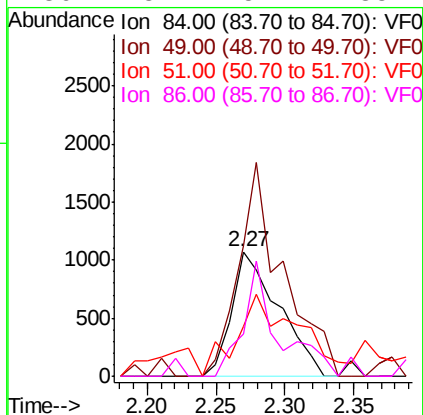
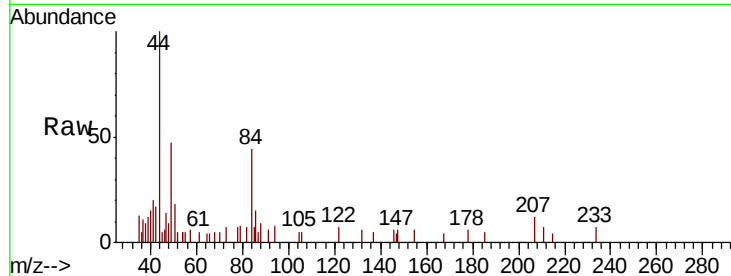




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

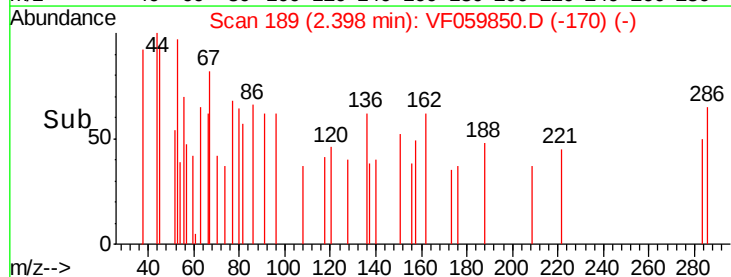
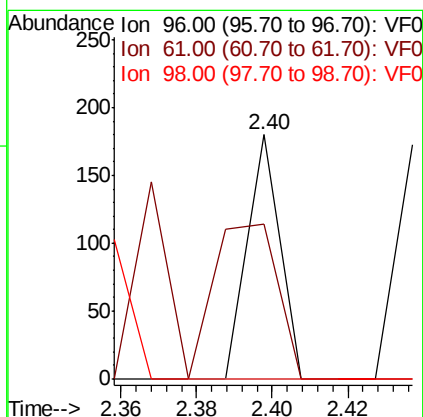
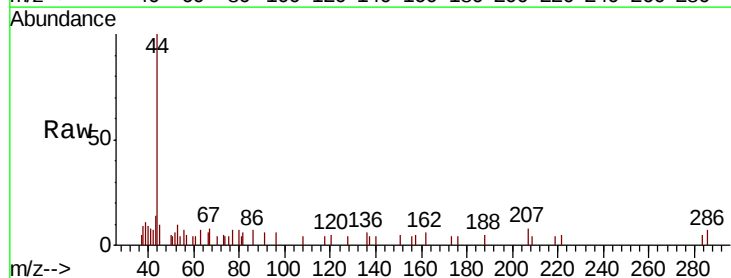
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-4

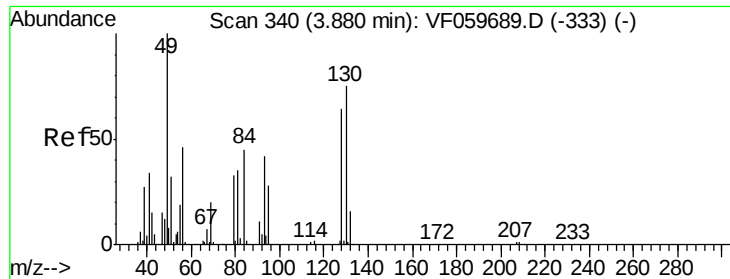
Tot Ion: 84 Resp: 2543
Ion Ratio Lower Upper
84 100
49 105.1 142.2 213.4#
51 51.0 46.2 69.2
86 45.1 57.1 85.7#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.40 min Scan# 189
Delta R.T. -0.01 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

Tgt Ion: 96 Resp: 106
Ion Ratio Lower Upper
96 100
61 63.3 157.4 236.0#
98 0.0 55.0 82.4#





#28

Bromochloromethane

Concen: Below Cal

RT: 4.02 min Scan# 354

Delta R.T. 0.14 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-4

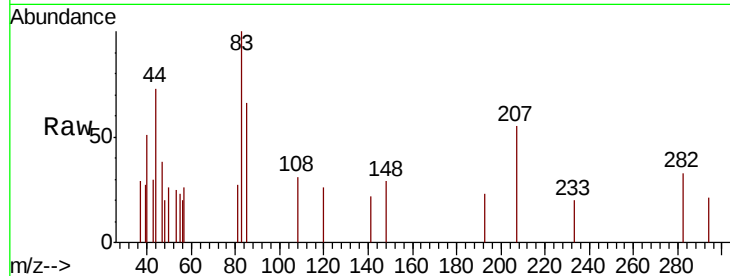
Tot Ion: 49 Resp: 142

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

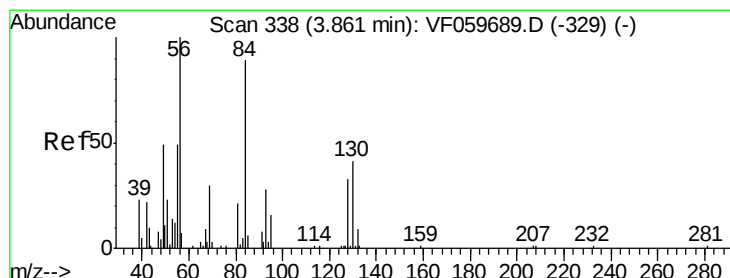
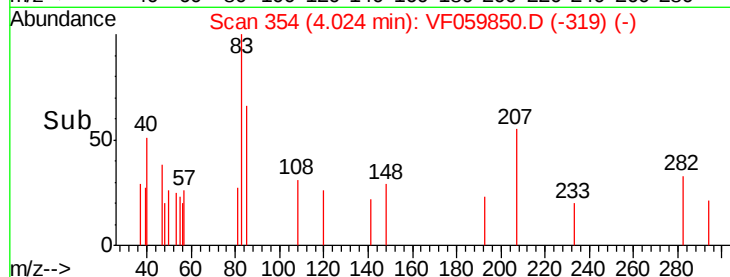
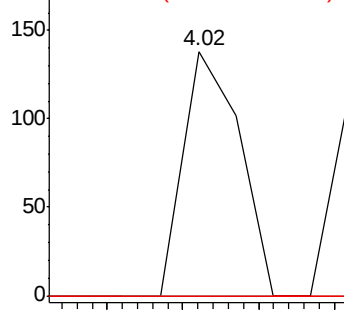
130 0.0 59.6 89.4#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V



#31

Cyclohexane

Concen: Below Cal

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

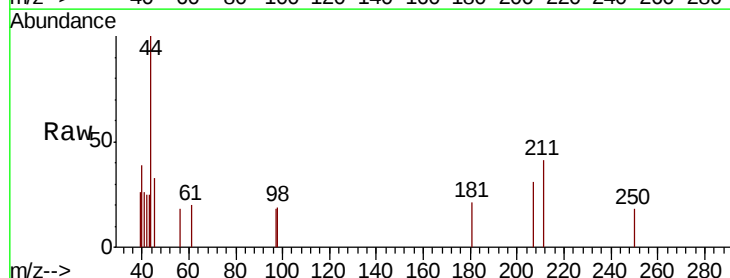
Tgt Ion: 56 Resp: 186

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

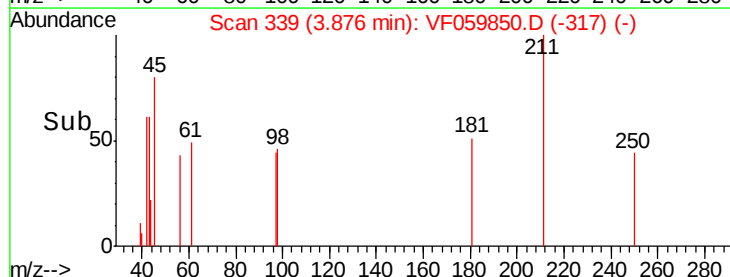
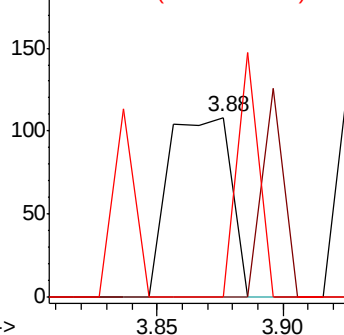
84 0.0 71.1 106.7#

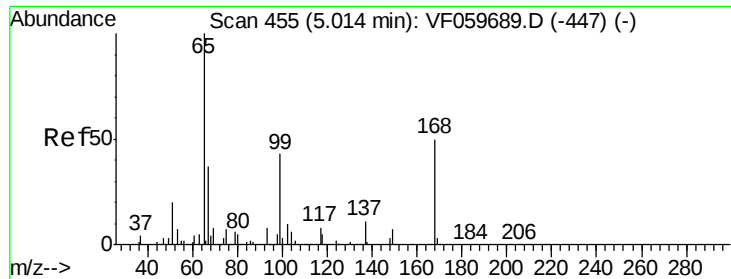


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0

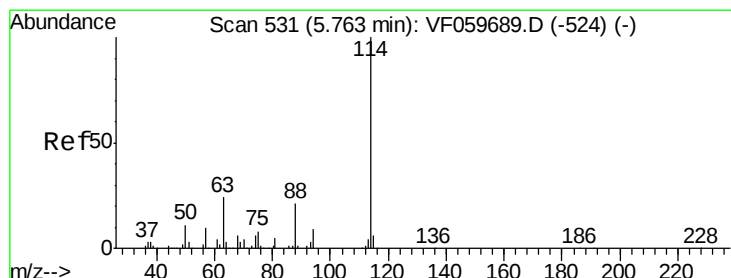
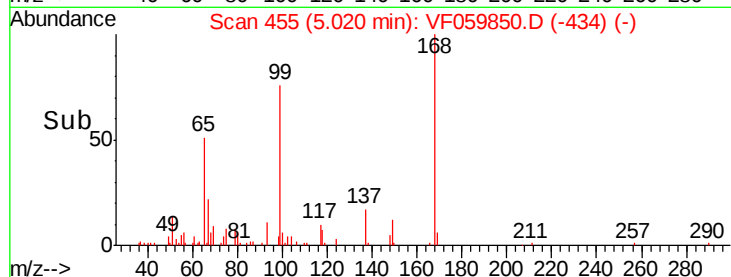
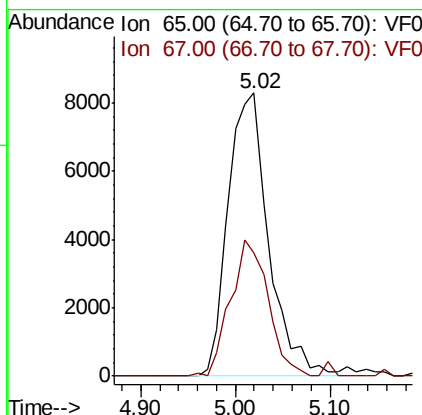
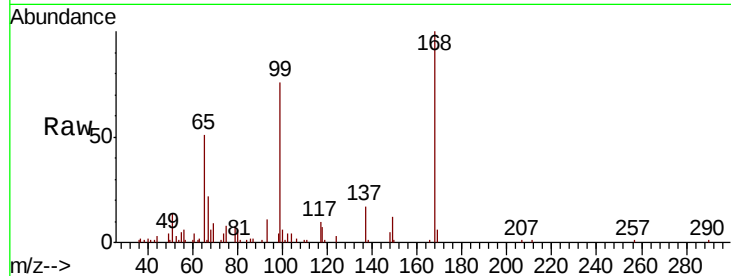




#33
 1,2-Dichloroethane-d4
 Concen: 21.06 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VF059850.D
 Acq: 3 Aug 2018 20:30

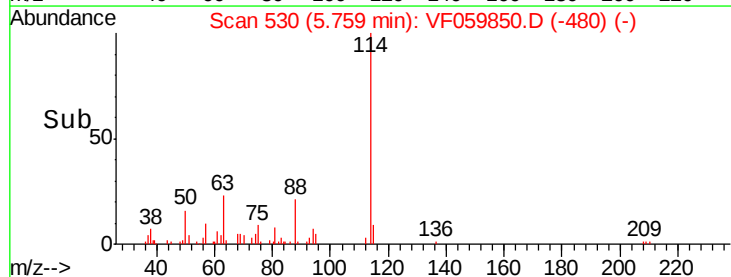
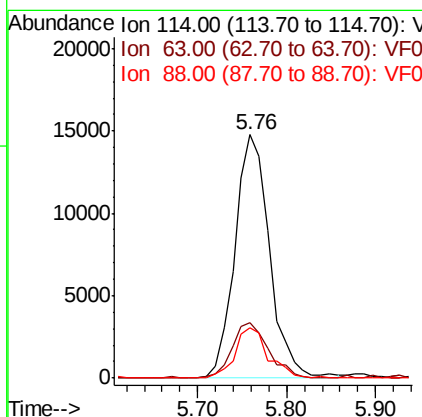
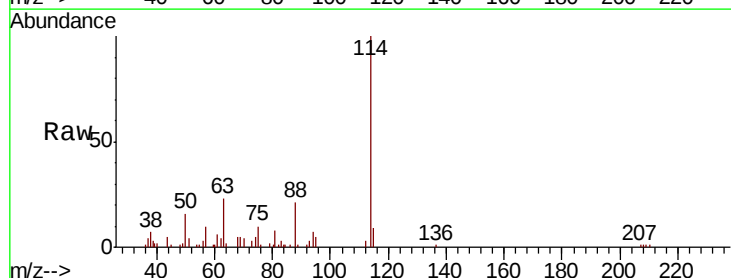
Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-4

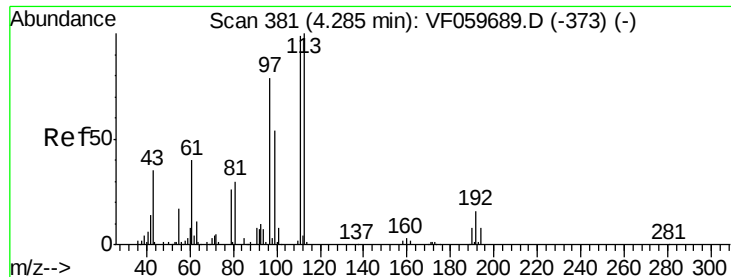
Tot Ion: 65 Resp: 24561
 Ion Ratio Lower Upper
 65 100
 67 43.4 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059850.D
 Acq: 3 Aug 2018 20:30

Tgt Ion:114 Resp: 39995
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 20.7 0.0 41.2





#35

Dibromofluoromethane

Concen: 62.77 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-4

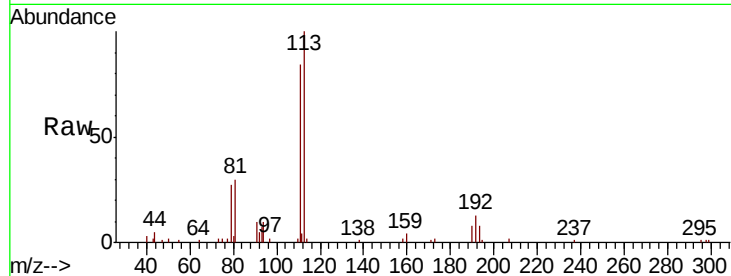
Tot Ion:113 Resp: 26074

Ion Ratio Lower Upper

113 100

111 87.9 79.0 118.4

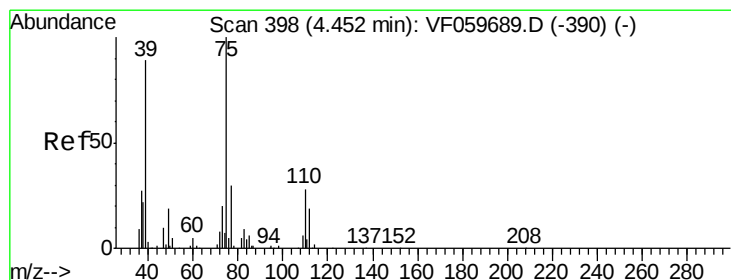
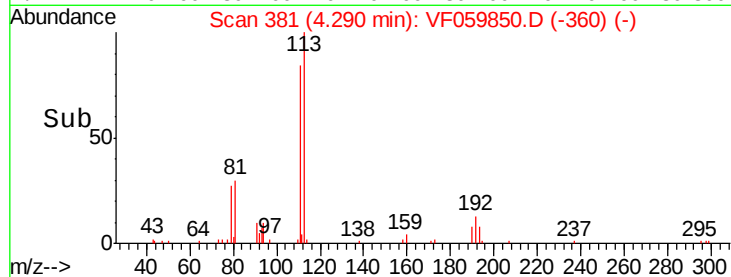
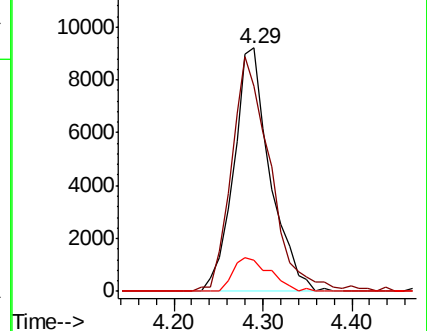
192 13.0 13.2 19.8#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.45 min Scan# 397

Delta R.T. -0.00 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

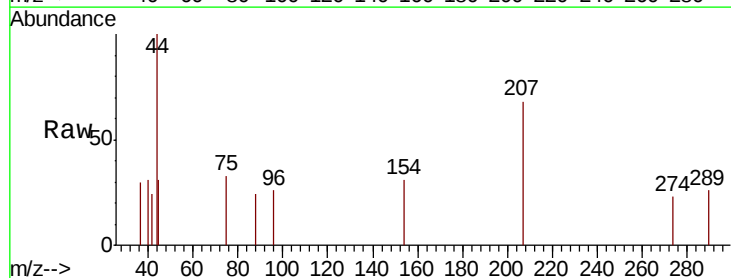
Tgt Ion: 75 Resp: 180

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

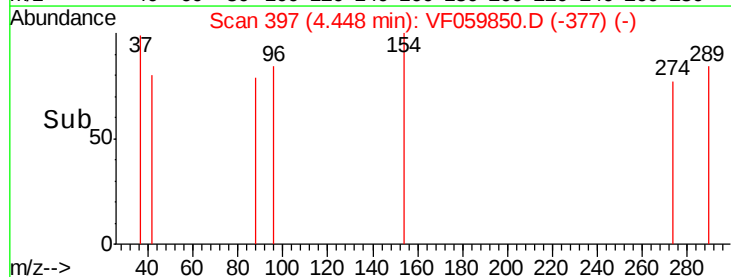
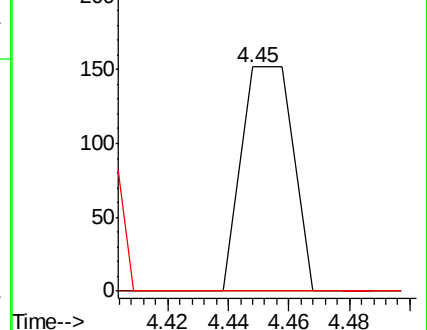
77 0.0 24.2 36.2#

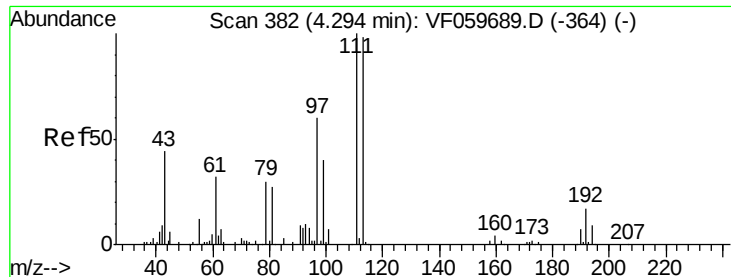


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

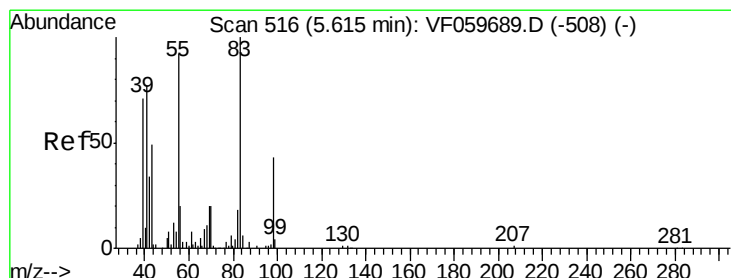
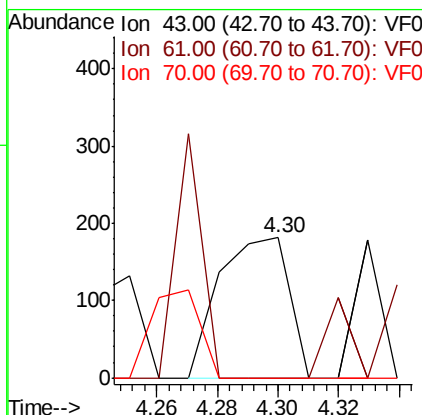
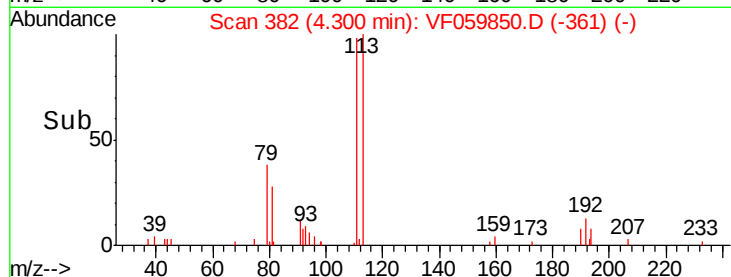
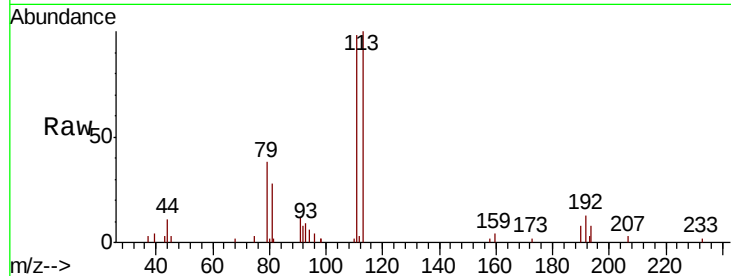




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

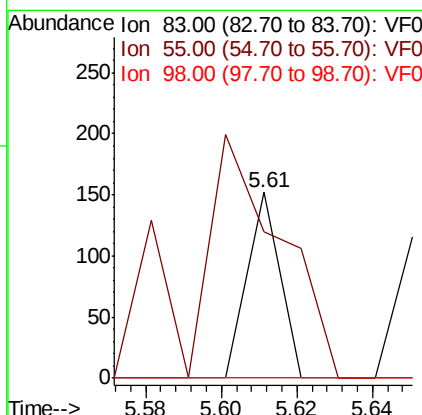
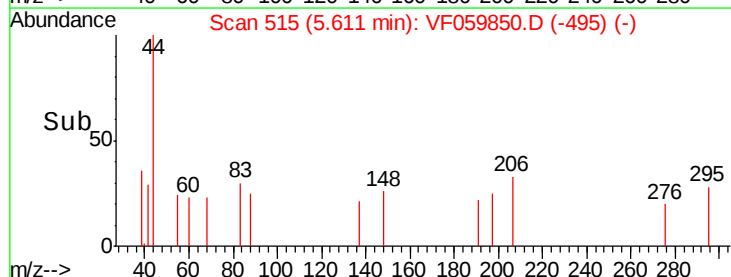
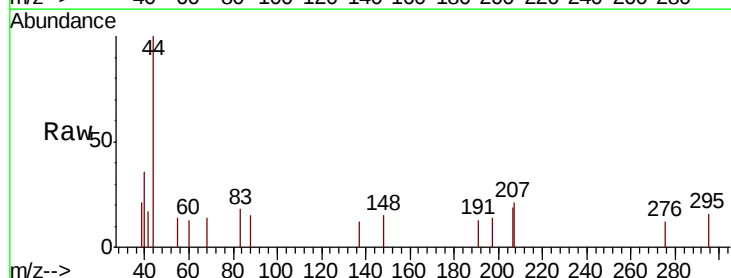
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-4

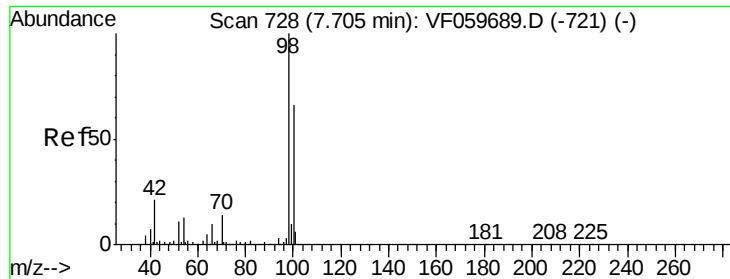
Tot Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
61 0.0 58.2 87.2#
70 0.0 6.0 9.0#



#39
Methylcyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 515
Delta R.T. -0.00 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

Tgt Ion: 83 Resp: 90
Ion Ratio Lower Upper
83 100
55 78.9 73.4 110.2
98 0.0 34.2 51.4#





#50

Toluene-d8

Concen: 30.78 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

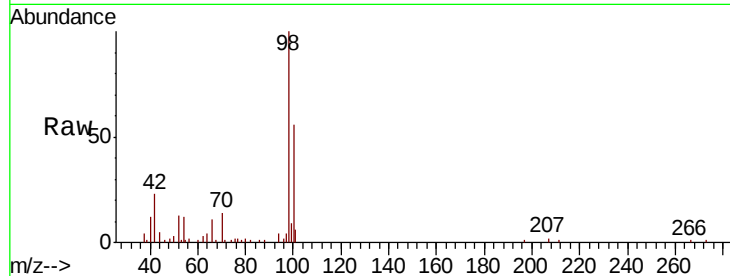
KG-PIT-4

Tot Ion: 98 Resp: 29818

Ion Ratio Lower Upper

98 100

100 56.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

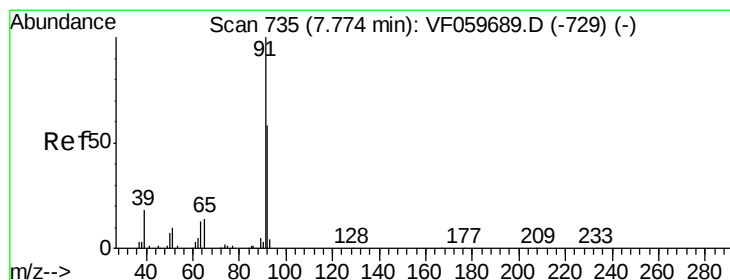
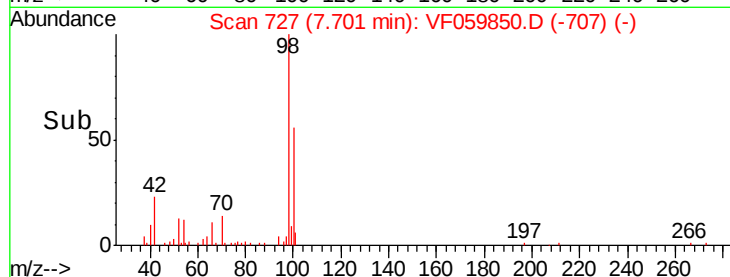
7.70

10000

5000

0

Time-->



#52

Toluene

Concen: Below Cal

RT: 7.78 min Scan# 735

Delta R.T. 0.01 min

Lab File: VF059850.D

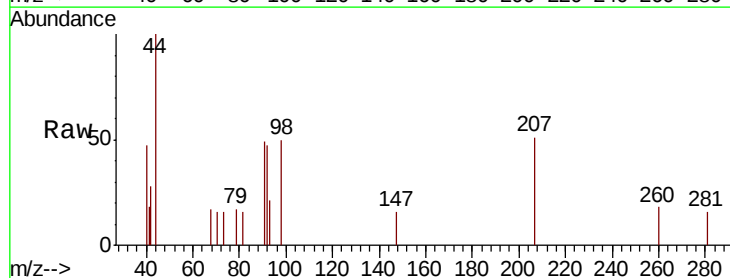
Acq: 3 Aug 2018 20:30

Tgt Ion: 92 Resp: 502

Ion Ratio Lower Upper

92 100

91 102.9 139.0 208.4#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

400

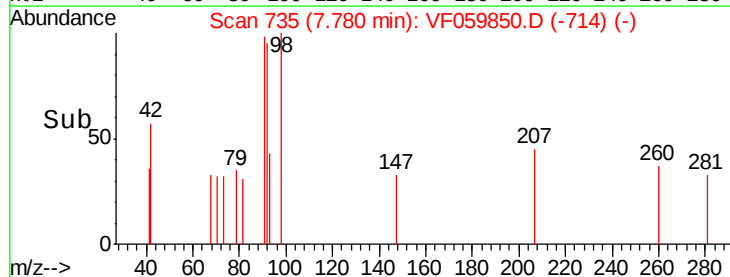
300

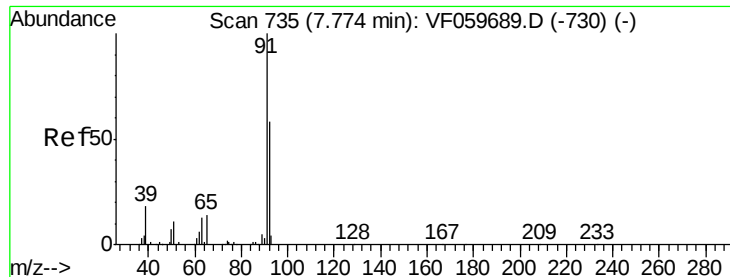
200

100

0

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 2.62 ug/l

RT: 7.76 min Scan# 733

Delta R.T. -0.01 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

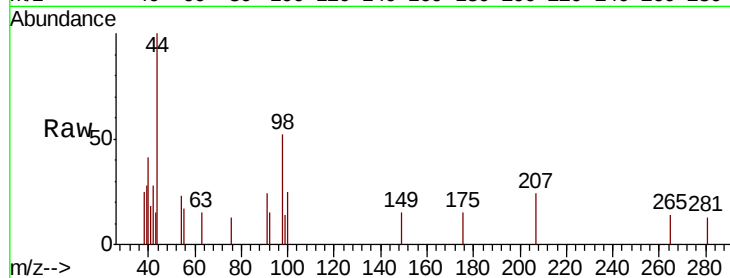
KG-PIT-4

Tot Ion: 63 Resp: 69

Ion Ratio Lower Upper

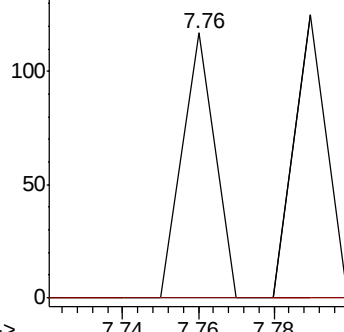
63 100

106 0.0 0.0 0.0

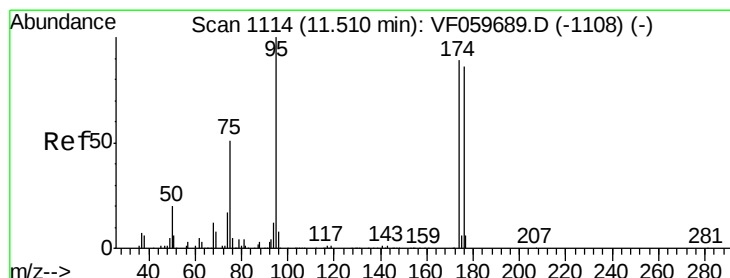
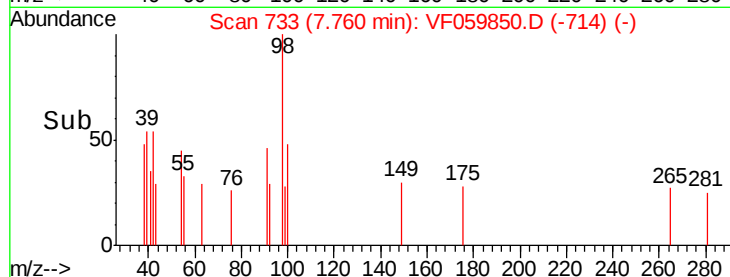


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 6.27 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

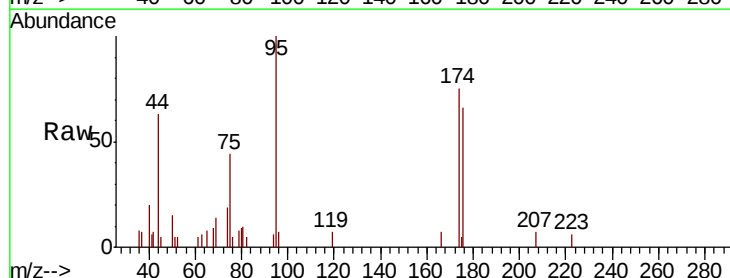
Tgt Ion: 95 Resp: 3364

Ion Ratio Lower Upper

95 100

174 75.4 0.0 178.4

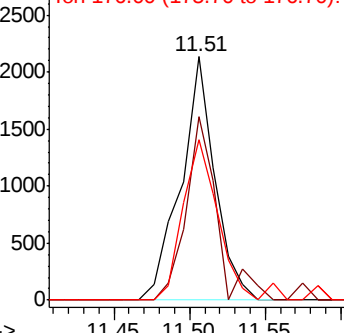
176 65.9 0.0 173.0



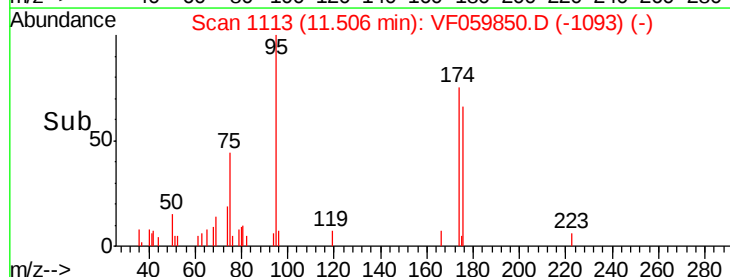
Abundance Ion 95.00 (94.70 to 95.70): VF0

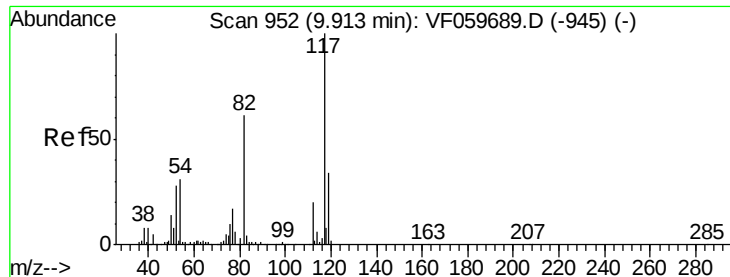
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->

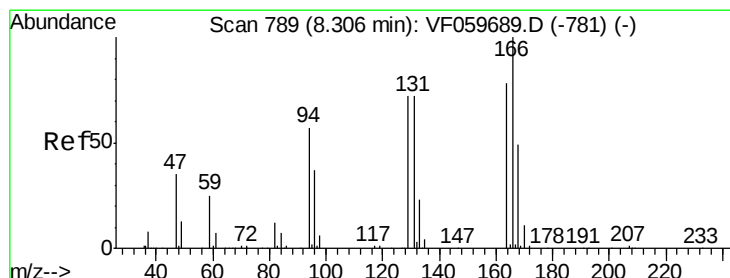
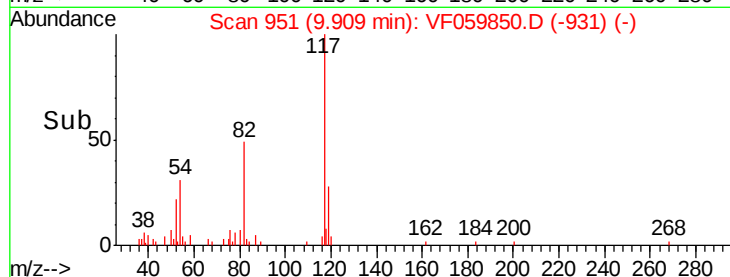
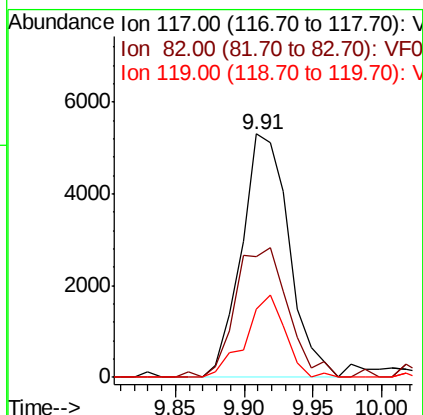
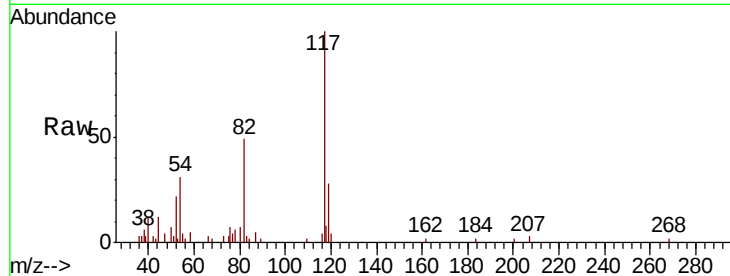




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

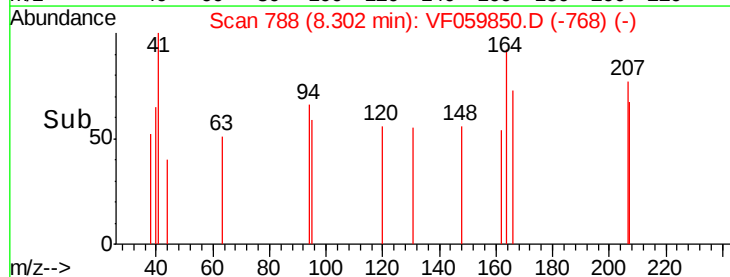
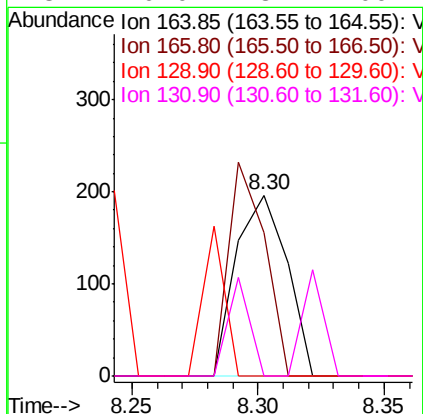
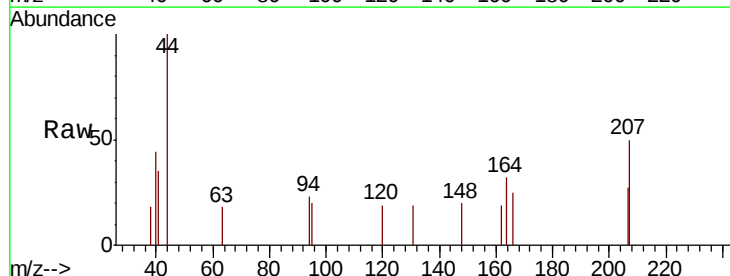
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-4

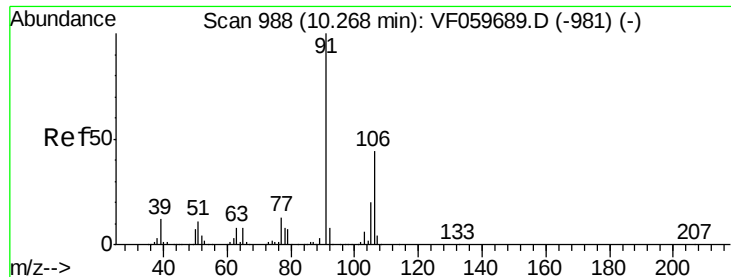
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	49.0	73.4
119	28.1	27.3	40.9



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.30 min Scan# 788
Delta R.T. -0.00 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	79.1	102.1	153.1#
129	0.0	73.8	110.6#
131	0.0	73.1	109.7#

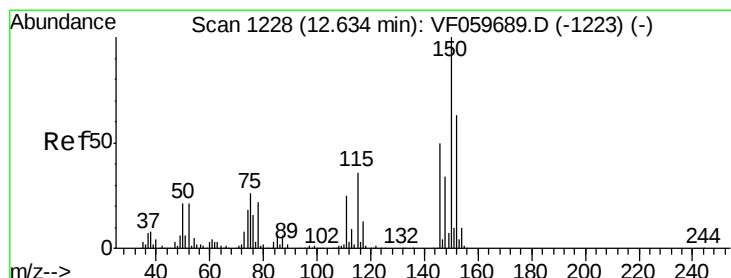
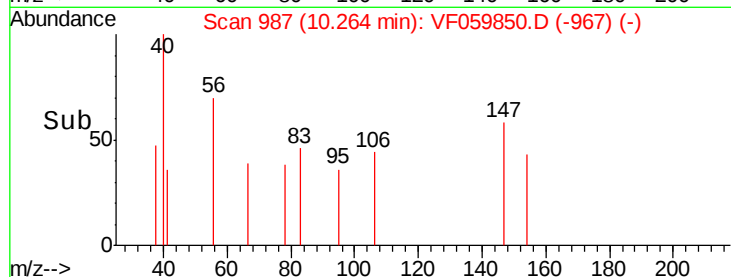
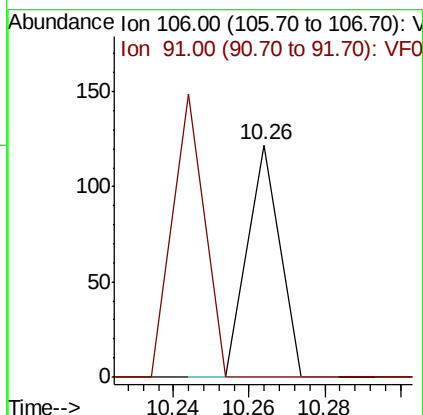
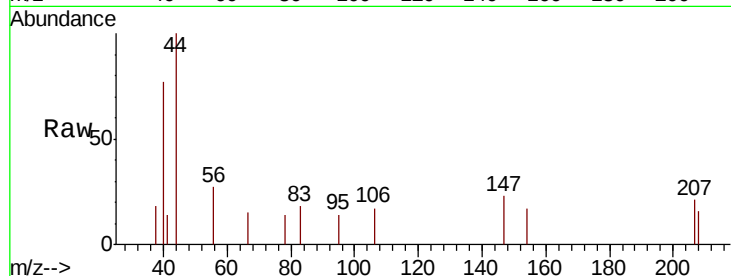




#68
m/p-Xvlenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.00 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

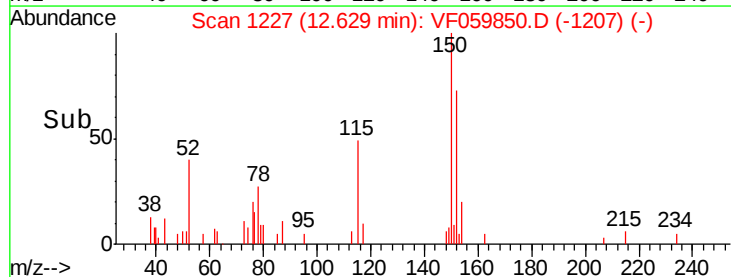
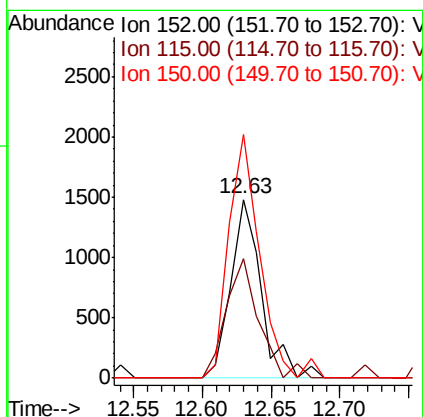
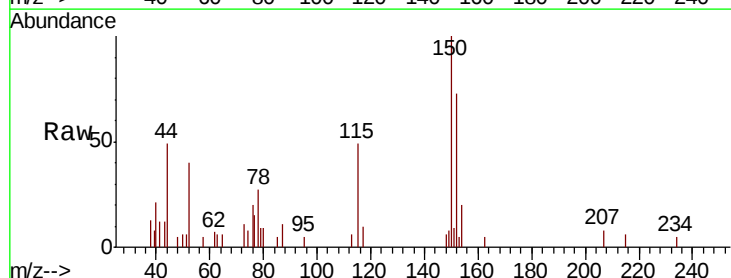
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-4

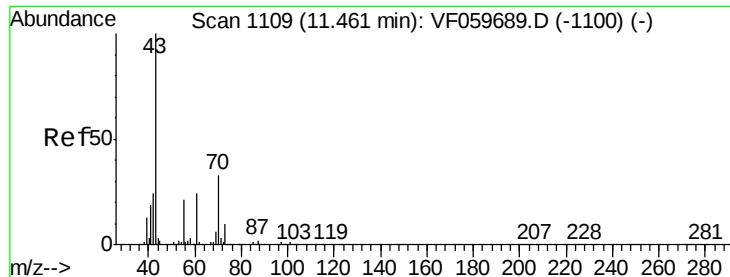
Tot Ion:106 Resp: 72
Ion Ratio Lower Upper
106 100
91 0.0 181.7 272.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

Tgt Ion:152 Resp: 2291
Ion Ratio Lower Upper
152 100
115 67.1 28.2 84.6
150 136.4 0.0 316.2





#74

N-amvl acetate

Concen: 8.83 ug/l

RT: 11.43 min Scan# 1105

Delta R.T. -0.03 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

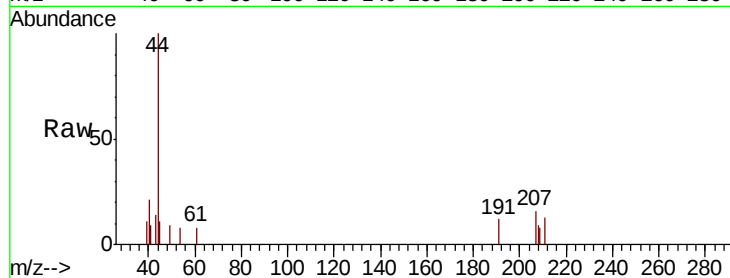
MSVOA_F

ClientSampleId :

KG-PIT-4

Tot Ion: 43 Resp: 335

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.3	39.5#
55	0.0	16.6	25.0#
61	59.7	19.1	28.7#

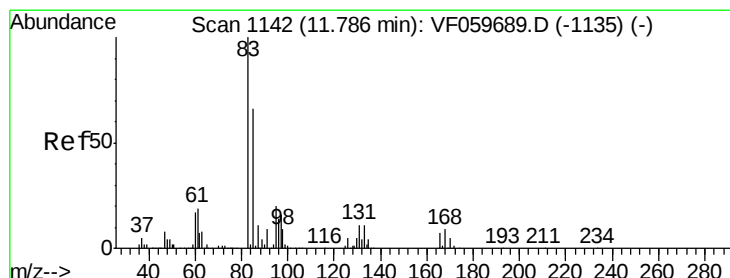
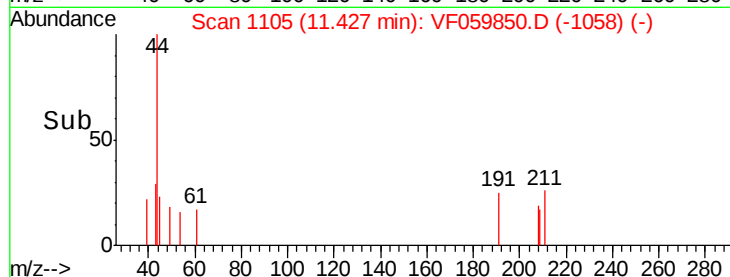
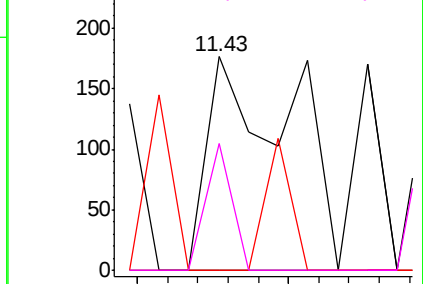


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.12 ug/l

RT: 11.74 min Scan# 1137

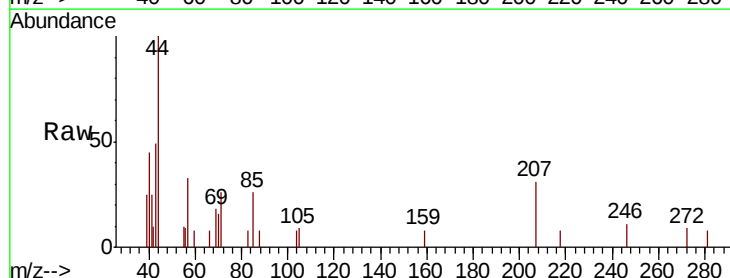
Delta R.T. -0.04 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Tgt Ion: 83 Resp: 60

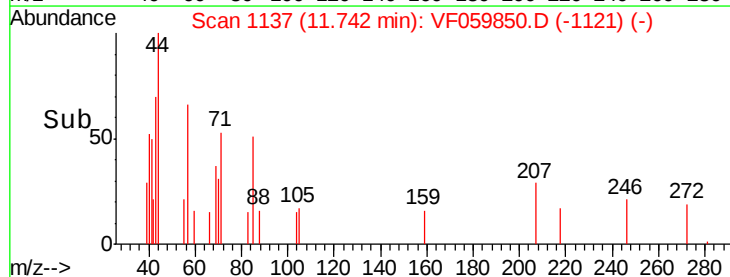
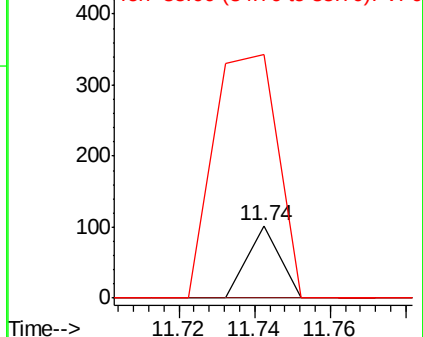
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.3#
85	336.3	32.8	98.3#

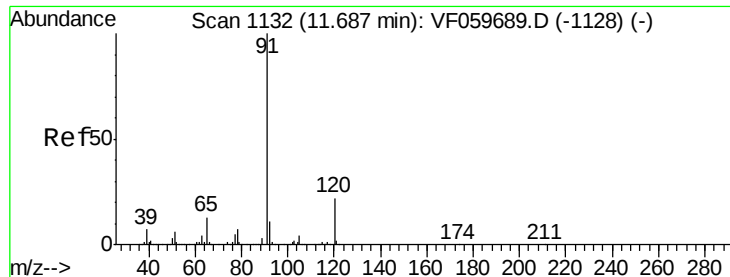


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#78

n-propylbenzene

Concen: Below Cal

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

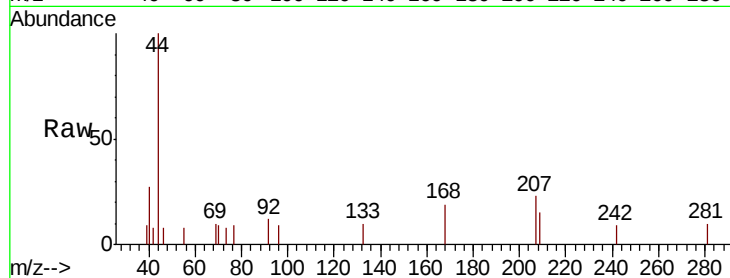
KG-PIT-4

Tot Ion: 91 Resp: 248

Ion Ratio Lower Upper

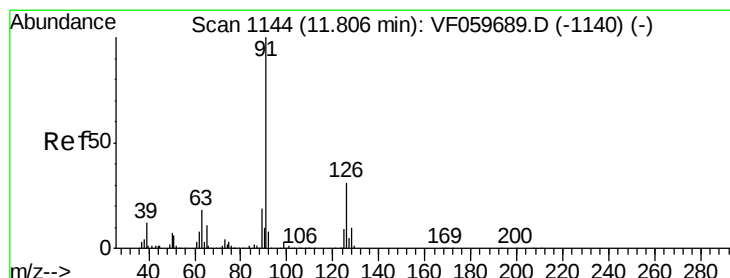
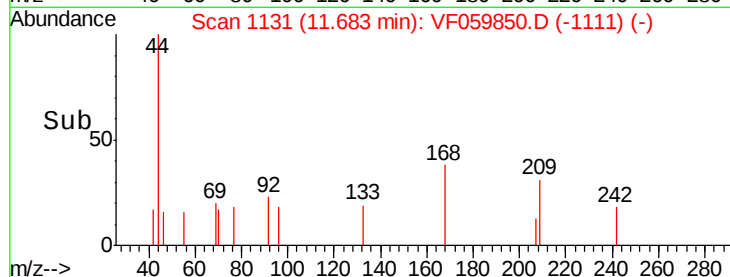
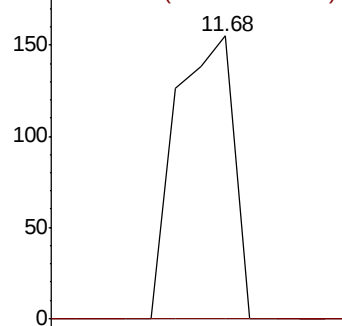
91 100

120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.78 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VF059850.D

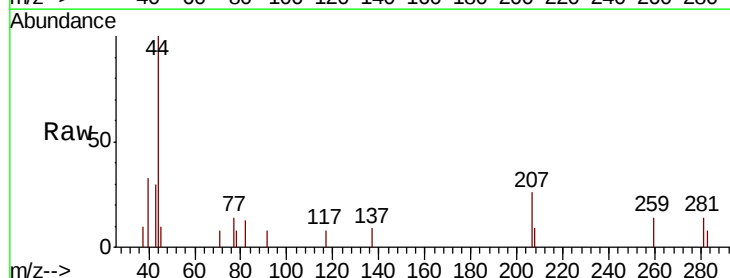
Acq: 3 Aug 2018 20:30

Tgt Ion: 91 Resp: 65

Ion Ratio Lower Upper

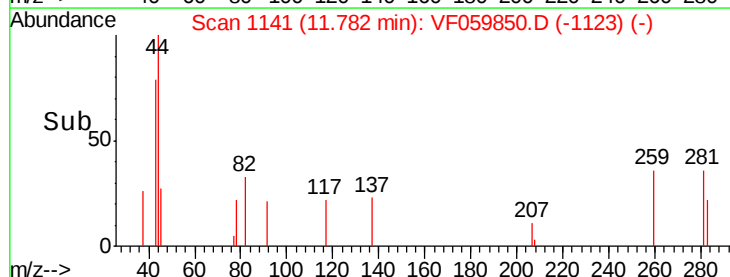
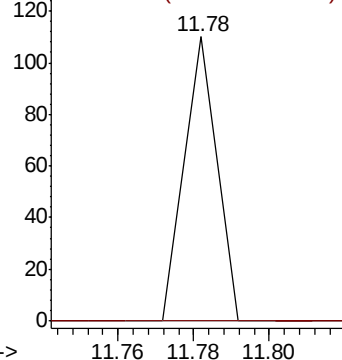
91 100

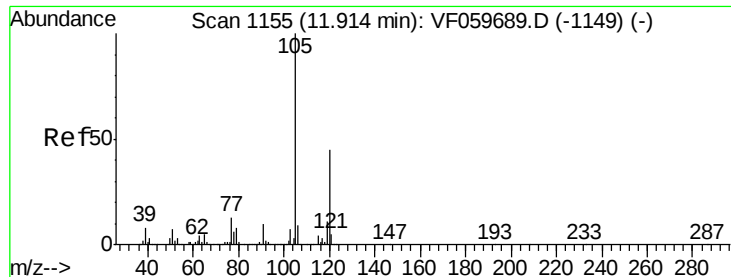
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 11.92 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

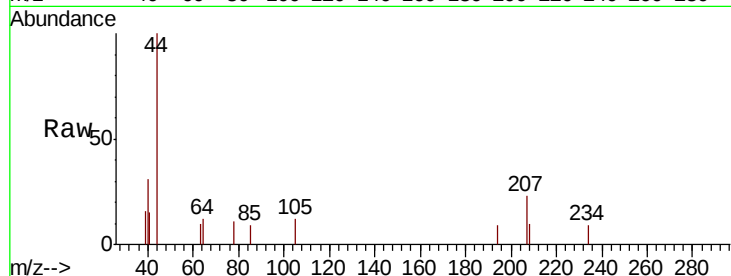
KG-PIT-4

Tot Ion:105 Resp: 83

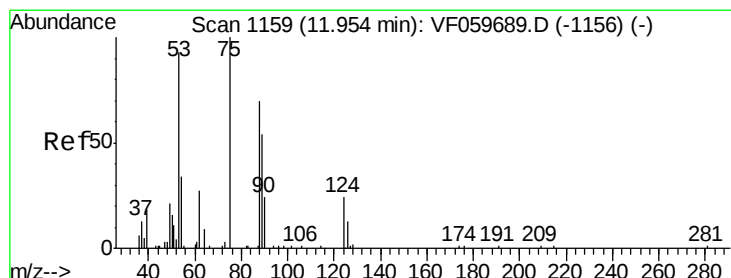
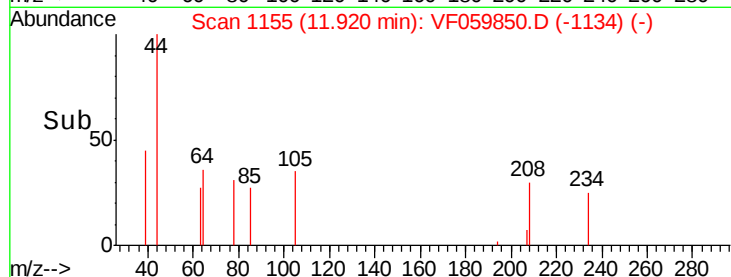
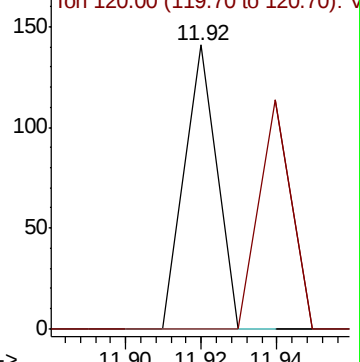
Ion Ratio Lower Upper

105 100

120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 6.42 ug/l

RT: 12.08 min Scan# 1171

Delta R.T. 0.12 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

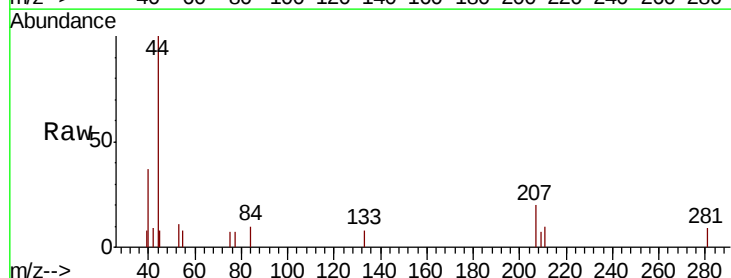
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

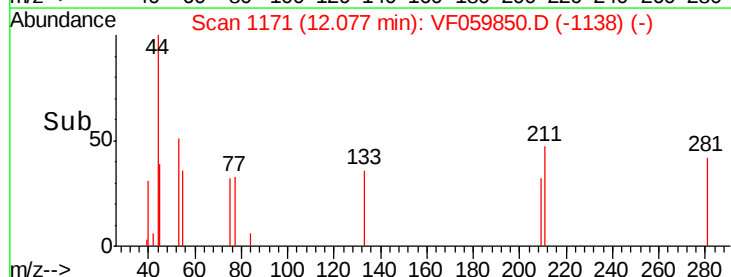
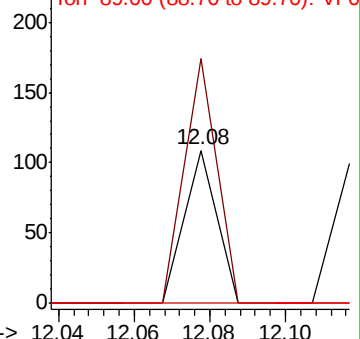
75 100

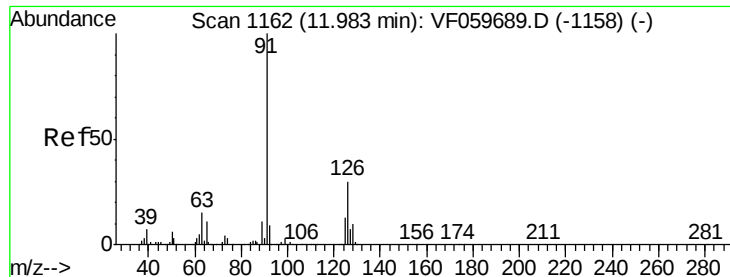
53 159.6 78.3 117.5#

89 0.0 45.4 68.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

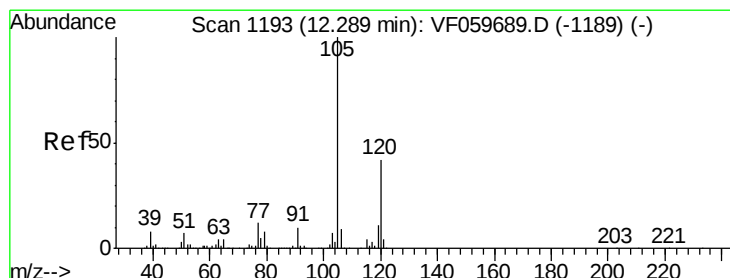
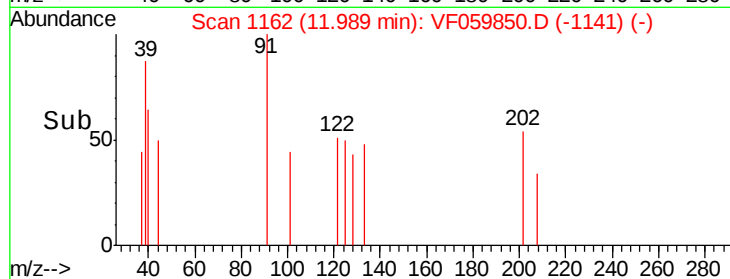
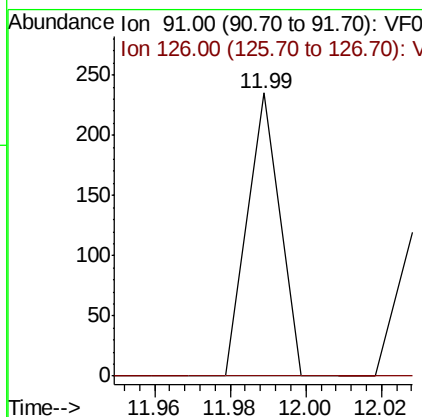
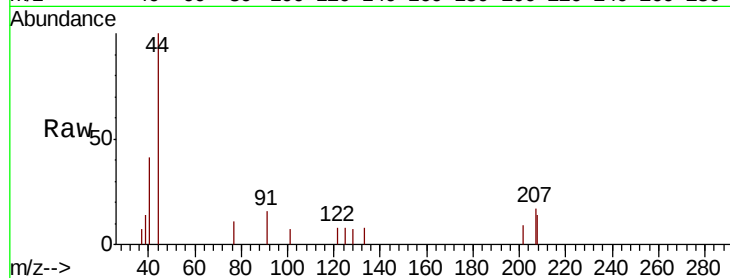




#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.99 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VF059850.D
 Acq: 3 Aug 2018 20:30

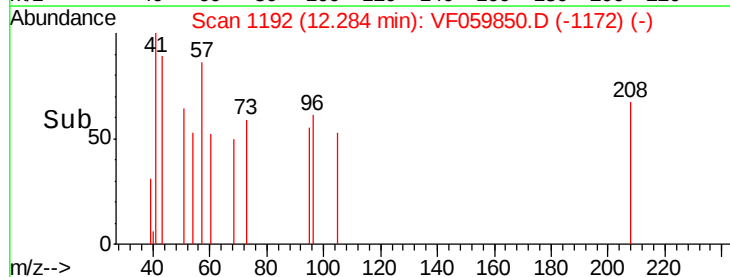
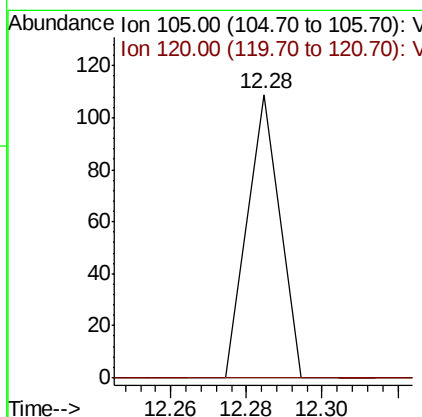
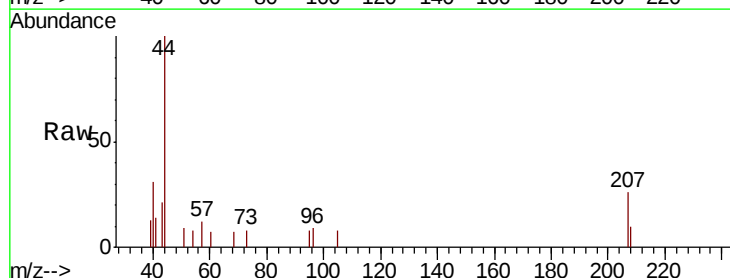
Instrument :
 MSVOA_F
 ClientSampled :
 KG-PIT-4

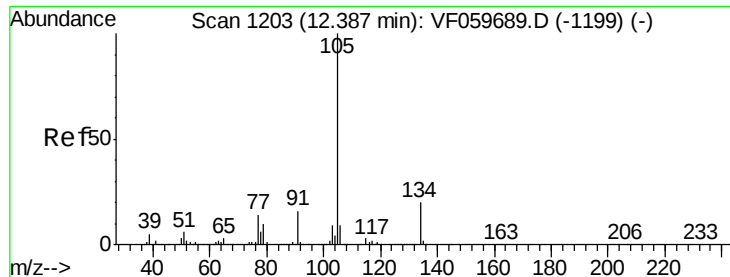
Tot Ion: 91 Resp: 139
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.2 45.6#



#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059850.D
 Acq: 3 Aug 2018 20:30

Tgt Ion:105 Resp: 64
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.1 63.3#





#85

sec-Butylbenzene

Concen: Below Cal

RT: 12.39 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampled :

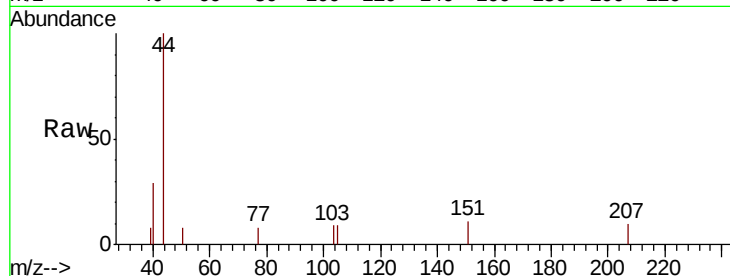
KG-PIT-4

Tot Ion:105 Resp: 80

Ion Ratio Lower Upper

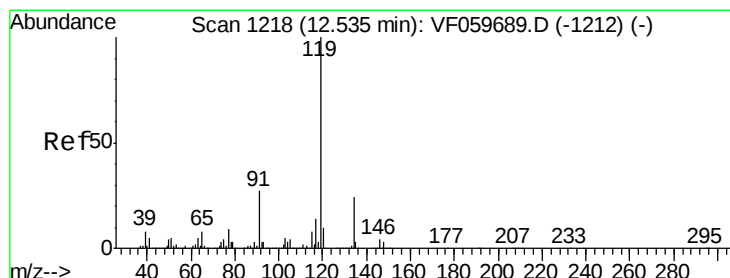
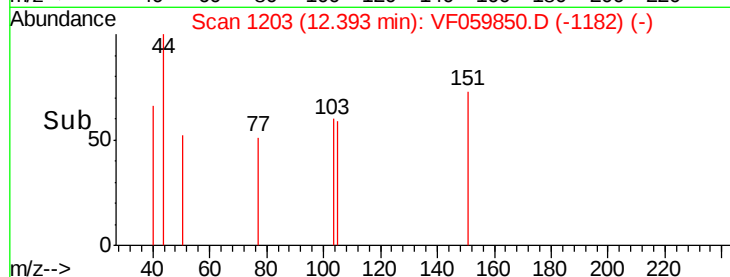
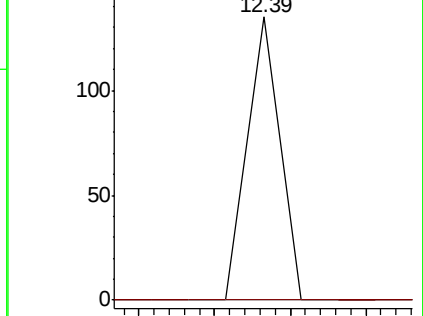
105 100

134 0.0 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 12.54 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

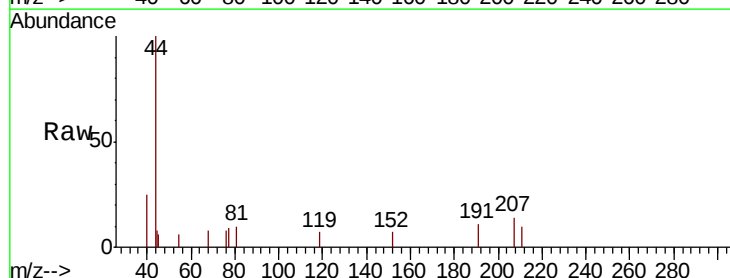
Tgt Ion:119 Resp: 131

Ion Ratio Lower Upper

119 100

134 0.0 12.2 36.6#

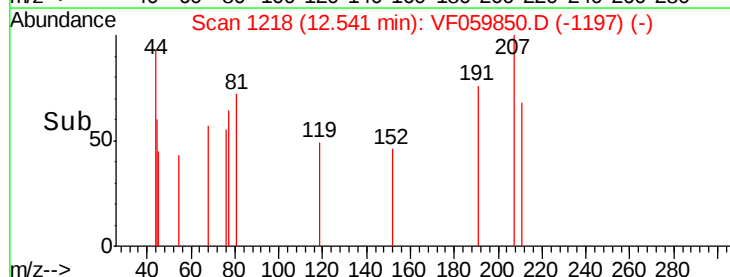
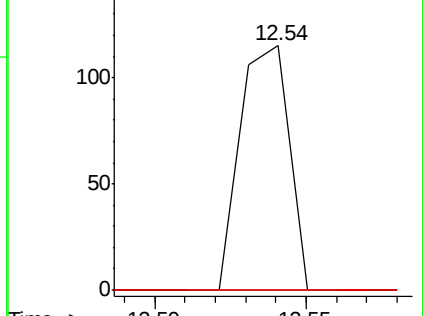
91 0.0 13.4 40.2#

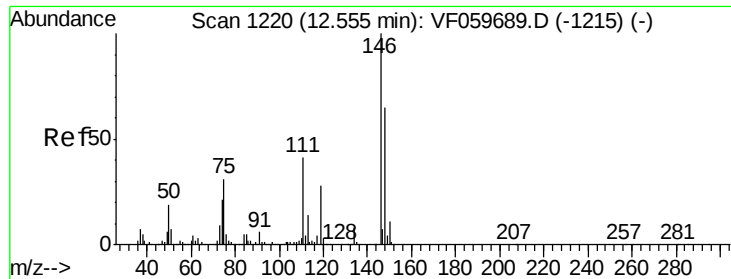


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 12.55 min Scan# 1219

Delta R.T. -0.00 min

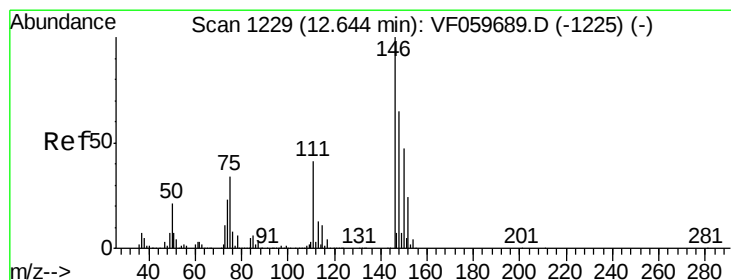
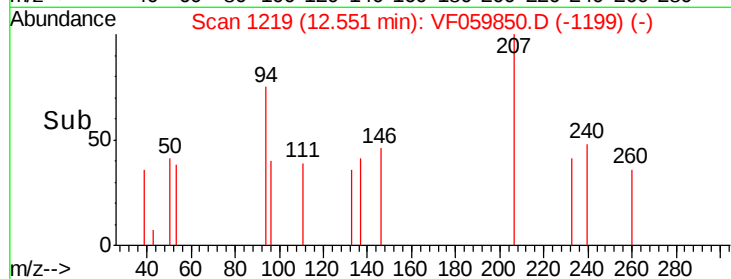
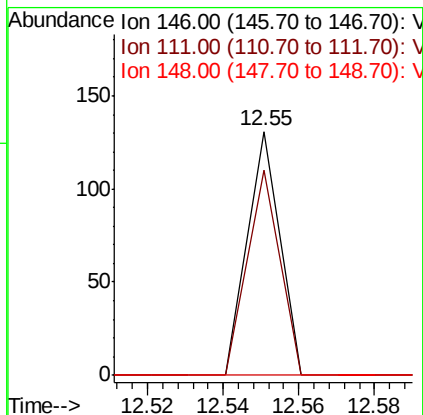
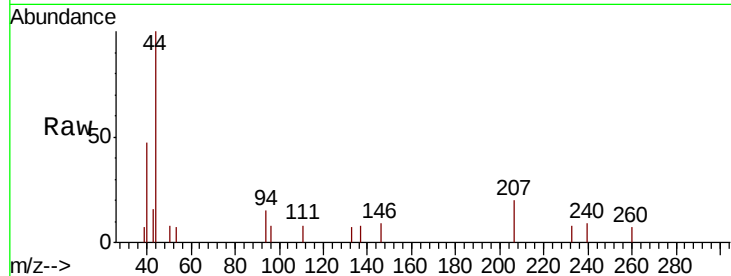
Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-4

Tot Ion:146 Resp: 77

Ion	Ratio	Lower	Upper
146	100		
111	84.0	20.7	62.1#
148	0.0	32.3	96.8#



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 12.55 min Scan# 1219

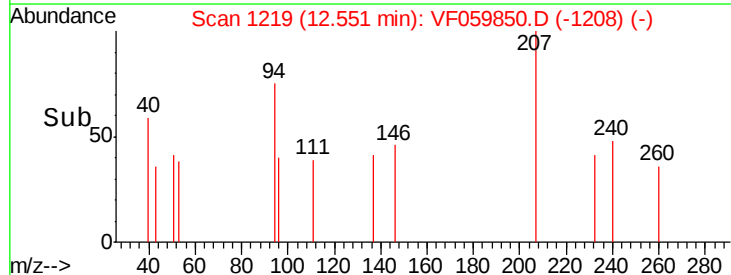
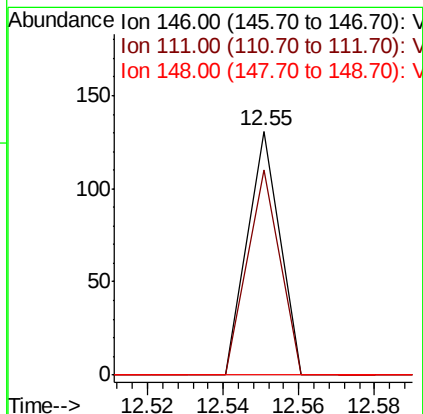
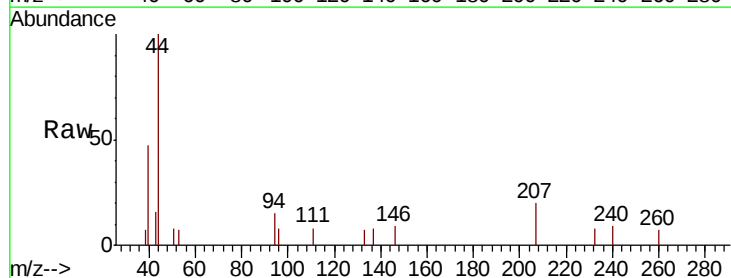
Delta R.T. -0.09 min

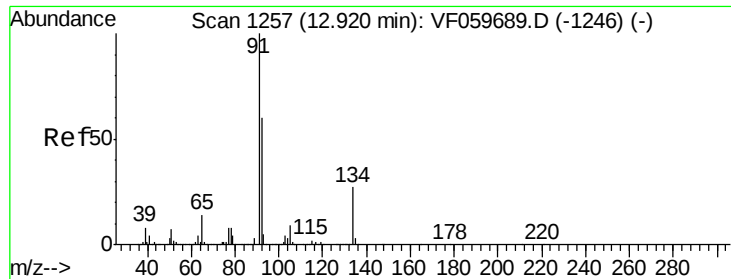
Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Tgt Ion:146 Resp: 77

Ion	Ratio	Lower	Upper
146	100		
111	84.0	20.8	62.2#
148	0.0	32.3	96.9#

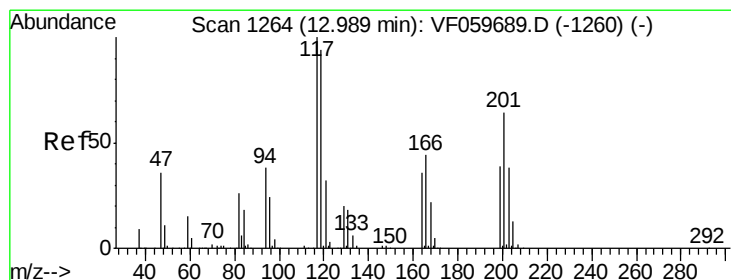
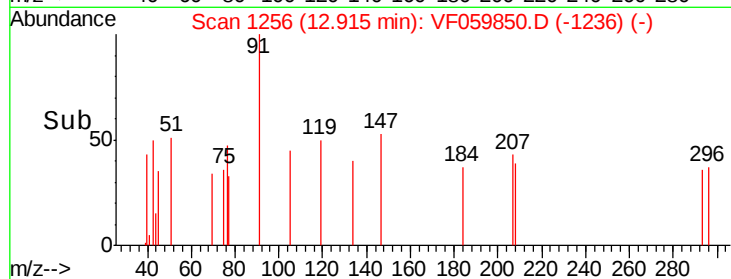
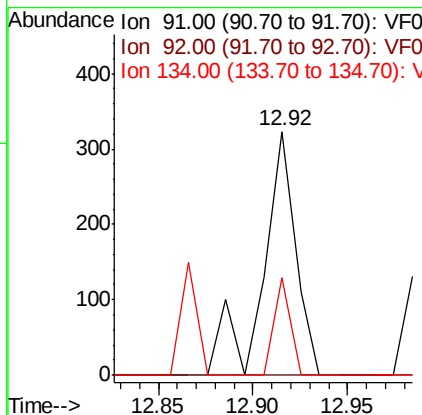
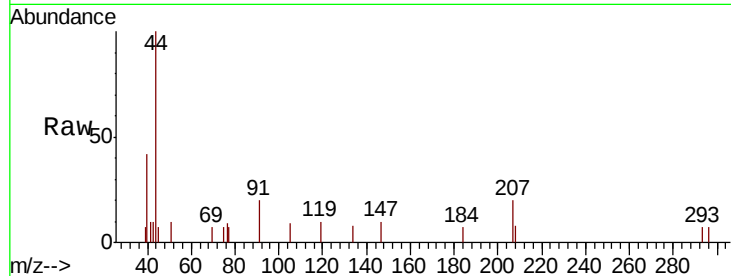




#89
n-Butylbenzene
Concen: Below Cal
RT: 12.92 min Scan# 1256
Delta R.T. -0.00 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

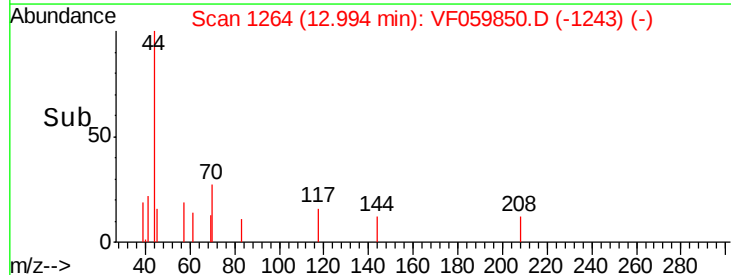
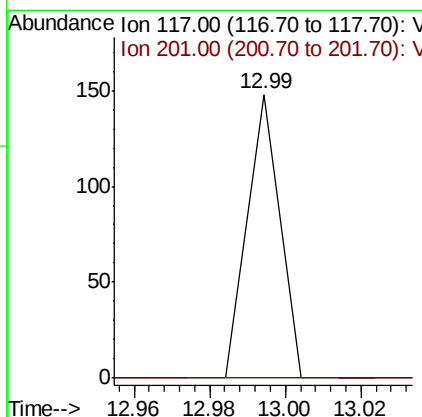
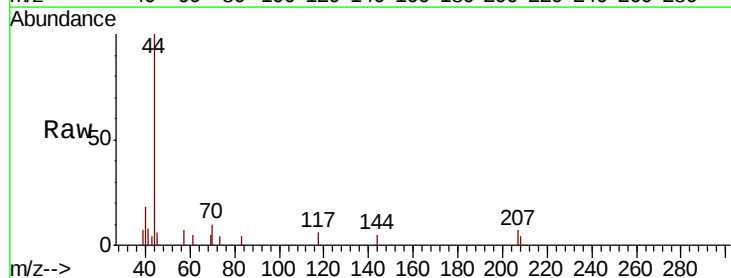
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-4

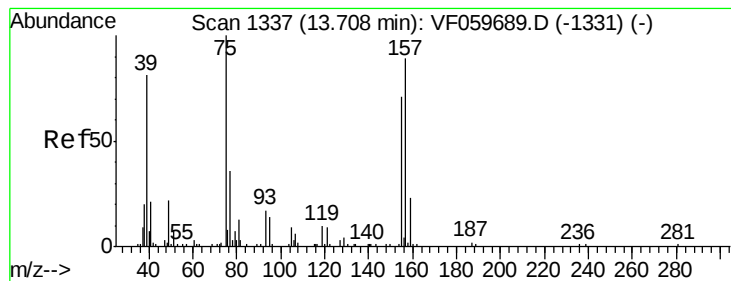
Tot Ion: 91 Resp: 393
Ion Ratio Lower Upper
91 100
92 0.0 30.1 90.3#
134 39.9 13.7 41.0



#90
Hexachloroethane
Concen: 2.32 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VF059850.D
Acq: 3 Aug 2018 20:30

Tgt Ion: 117 Resp: 88
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 12.72 ug/l

RT: 13.70 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-4

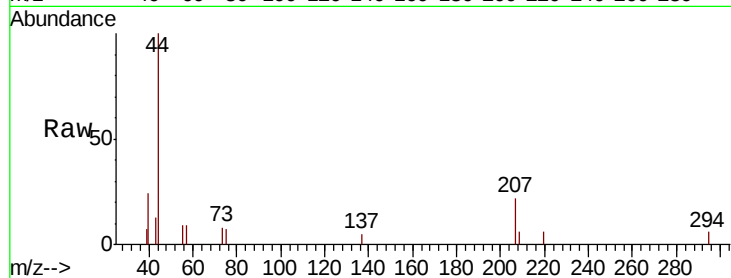
Tot Ion: 75 Resp: 88

Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

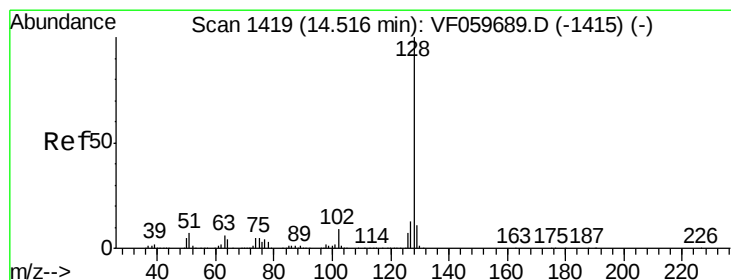
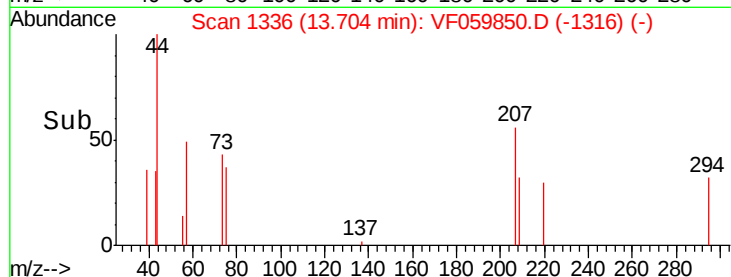
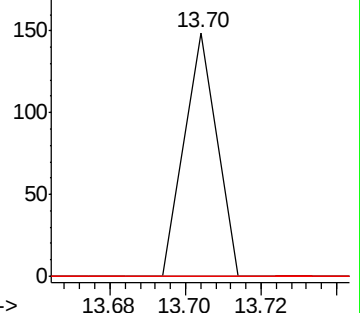
157 0.0 44.4 133.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#95

Naphthalene

Concen: 12.12 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VF059850.D

Acq: 3 Aug 2018 20:30

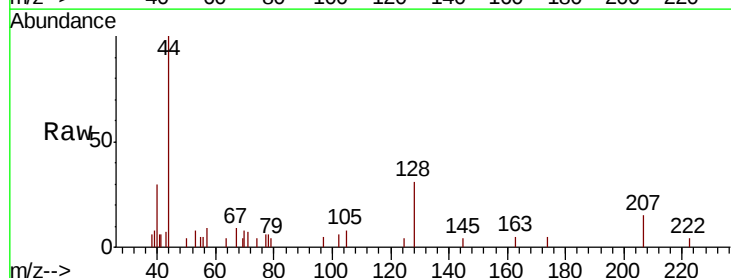
Tgt Ion:128 Resp: 1197

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

